LANL ESM Chapter 1 Section 230 Att 1 Equipment and Component IDs Name-Sort 5/23/2017

NAME	ID
Actuator	ACTR
Actuator, fire device	AFD
ADA ramp (bldg or sidewalk)	ADARMP
After cooler	ACL
Agitator	AGT
Air conditioner, refrigerant	ACR
Air sampler, exhaust stack	ASE
Air terminal (e.g., LPS)	ATERM
Air-ejector, steam	AES
Alarm	ALM
Alarm, access, red-light	RLT
Alarm, analyzer Alarm, carbon monoxide	AA ALC
Alarm, carbon monoxide Alarm, combustible gas	AGA
Alarm, combustible gas Alarm, conductivity	CA@
Alarm, conductivity Alarm, current	IA
Alarm, differential pressure	PDA
Alarm, flow	FA
Alarm, level	LA
Alarm, moisture	MA
Alarm, oxygen, indicating	OIA
Alarm, power	JA
Alarm, pressure	PA
Alarm, radiation	RA
Alarm, special (incl. refrigerant monitors and fire	XA
alarms at TA-55)	
Alarm, speed	SA
Alarm, temperature	TA
Alarm, vibration	VA
Alarm, voltage	EA
Alarm, zone or position	ZA
Amplifier	AMP
Analysis element (see Primary element, analyzer)	
Analyzer or analytical instrument (when more specific	ANLYZR
does not exist)	01
Analyzer, oxygen	OI
Annunciator	ANN AFP
Argus Field Panel	ARMPL
Armor plate (e.g., ceiling) Assembly	ASSY
Attenuator – sound, etc.	ATT
Automated external defibrillator	AED
Automated external denominator Automated storage and retrieval (Lektriever, Kardex)	KARDEX
Automatic air vent (hydronic systems)	AAV
Backflow preventer	BFP
Balance or scale	BAL
Barrier (rail, bollard, jersey, manual gate, etc.)	BARR
Basin or pond	BASIN
Batch plant (asphalt, concrete, etc.)	BATCH
Battery or battery box	BTRY
Battery, banked	BB
Battery, fire control panel	FCPB
Berm	BERM
Beta or Beta/Gamma Detector (see Primary element,	
radiation)	1
Blower	BL
Blower, vacuum	BV
Board (circuit, etc.)	BD
Boiler, hot water	BHW

Poilor atoom	BS
Boiler, steam	BWS
Boiler, water supply Bottle, nitrogen	NGN
Box, atmospheric control (TA-55 PSAA pos pr GB)	ACB
Box, glove (see glovebox)	ACB
Box, introductory/exchange (see glovebox, intr)	
Box, junction	JBOX
Box, pull	PBX
Box, standard waste	SWB
Branch selector unit	BSU
breaker, circuit see circuit breaker	200
Breathing air station (see Station, breathing air)	
Bridge	BRDG
Building incl. office trailer	BLDG
Burner Element (see Primary element, burner)	
Bus duct (aboveground) (TA-55 only uses as drop	DB
box)	
Bus Plug	DBPL
Bus, substation (HV)	SSBU
Button, Push (switch)	BTN
Cabinet (including control)	CAB
Cage (wire/fence or restraint)	CAGE
Camera	CAMERA
Capacitor, non-pad mounted	CAP
Capacitor, pad mounted	CPMD
Cart	CART
Cathode ray tube (see Terminal)	
Central processing unit (computer)	CPU
Chamber	CHAMB
Charger, battery	CB
Chassis (including ethernet)	CHAS
Chiller, water, absorption	CWA
Chiller, water, evaporative	CWE
	CM/D
Chiller, water, refrigerant	CWR
Chiller, water, refrigerant Circuit breaker, AC	52
Chiller, water, refrigerant Circuit breaker, AC Circuit breaker, air (MV or HV)	52 CBA
Chiller, water, refrigerant Circuit breaker, AC Circuit breaker, air (MV or HV) Circuit Breaker, Anode	52 CBA 7
Chiller, water, refrigerant Circuit breaker, AC Circuit breaker, air (MV or HV) Circuit Breaker, Anode Circuit Breaker, DC	52 CBA 7 72
Chiller, water, refrigerant Circuit breaker, AC Circuit breaker, air (MV or HV) Circuit Breaker, Anode Circuit Breaker, DC Circuit breaker, enclosed (individual MCCB NEMA AB	52 CBA 7
Chiller, water, refrigerant Circuit breaker, AC Circuit breaker, air (MV or HV) Circuit Breaker, Anode Circuit Breaker, DC Circuit breaker, enclosed (individual MCCB NEMA AB 1, often used as disconnect)	52 CBA 7 72 CBE
Chiller, water, refrigerant Circuit breaker, AC Circuit breaker, air (MV or HV) Circuit Breaker, Anode Circuit Breaker, DC Circuit breaker, enclosed (individual MCCB NEMA AB 1, often used as disconnect) Circuit Breaker, Equalizer	52 CBA 7 72 CBE
Chiller, water, refrigerant Circuit breaker, AC Circuit breaker, air (MV or HV) Circuit Breaker, Anode Circuit Breaker, DC Circuit breaker, enclosed (individual MCCB NEMA AB 1, often used as disconnect) Circuit Breaker, Equalizer Circuit Breaker, Field	52 CBA 7 72 CBE
Chiller, water, refrigerant Circuit breaker, AC Circuit breaker, air (MV or HV) Circuit Breaker, Anode Circuit Breaker, DC Circuit breaker, enclosed (individual MCCB NEMA AB 1, often used as disconnect) Circuit Breaker, Equalizer Circuit Breaker, Field Circuit breaker, gas (MV or HV)	52 CBA 7 72 CBE
Chiller, water, refrigerant Circuit breaker, AC Circuit breaker, air (MV or HV) Circuit Breaker, Anode Circuit Breaker, DC Circuit breaker, enclosed (individual MCCB NEMA AB 1, often used as disconnect) Circuit Breaker, Equalizer Circuit Breaker, Field Circuit breaker, gas (MV or HV) Circuit breaker, insulated case (in a LV swbd)	52 CBA 7 72 CBE 22 41 CBG
Chiller, water, refrigerant Circuit breaker, AC Circuit breaker, air (MV or HV) Circuit Breaker, Anode Circuit Breaker, DC Circuit breaker, enclosed (individual MCCB NEMA AB 1, often used as disconnect) Circuit Breaker, Equalizer Circuit Breaker, Field Circuit breaker, gas (MV or HV)	52 CBA 7 72 CBE 22 41 CBG ICCB
Chiller, water, refrigerant Circuit breaker, AC Circuit breaker, air (MV or HV) Circuit Breaker, Anode Circuit Breaker, DC Circuit breaker, enclosed (individual MCCB NEMA AB 1, often used as disconnect) Circuit Breaker, Equalizer Circuit Breaker, Equalizer Circuit Breaker, Field Circuit breaker, gas (MV or HV) Circuit breaker, insulated case (in a LV swbd) Circuit breaker, low voltage power (draw-out mounted power CB in ANSI-rated LV swgr) Circuit breaker, molded-case in pnlbd or swbd	52 CBA 7 72 CBE 22 41 CBG ICCB
Chiller, water, refrigerant Circuit breaker, AC Circuit breaker, air (MV or HV) Circuit Breaker, Anode Circuit Breaker, DC Circuit breaker, enclosed (individual MCCB NEMA AB 1, often used as disconnect) Circuit Breaker, Equalizer Circuit Breaker, Field Circuit breaker, gas (MV or HV) Circuit breaker, insulated case (in a LV swbd) Circuit breaker, low voltage power (draw-out mounted power CB in ANSI-rated LV swgr) Circuit breaker, molded-case in pnlbd or swbd Circuit breaker, oil (MV or HV)	52 CBA 7 72 CBE 22 41 CBG ICCB LVPCB
Chiller, water, refrigerant Circuit breaker, AC Circuit breaker, air (MV or HV) Circuit Breaker, Anode Circuit Breaker, DC Circuit breaker, enclosed (individual MCCB NEMA AB 1, often used as disconnect) Circuit Breaker, Equalizer Circuit Breaker, Field Circuit breaker, gas (MV or HV) Circuit breaker, insulated case (in a LV swbd) Circuit breaker, low voltage power (draw-out mounted power CB in ANSI-rated LV swgr) Circuit breaker, molded-case in pnlbd or swbd Circuit breaker, oil (MV or HV) Circuit Breaker, Running	52 CBA 7 72 CBE 22 41 CBG ICCB LVPCB
Chiller, water, refrigerant Circuit breaker, AC Circuit breaker, air (MV or HV) Circuit Breaker, Anode Circuit Breaker, DC Circuit breaker, enclosed (individual MCCB NEMA AB 1, often used as disconnect) Circuit Breaker, Equalizer Circuit Breaker, Field Circuit breaker, gas (MV or HV) Circuit breaker, insulated case (in a LV swbd) Circuit breaker, low voltage power (draw-out mounted power CB in ANSI-rated LV swgr) Circuit breaker, molded-case in pnlbd or swbd Circuit breaker, oil (MV or HV) Circuit Breaker, Running Circuit Breaker, Starting	52 CBA 7 72 CBE 22 41 CBG ICCB LVPCB MCCB CBO 42 6
Chiller, water, refrigerant Circuit breaker, AC Circuit breaker, air (MV or HV) Circuit Breaker, Anode Circuit Breaker, DC Circuit breaker, enclosed (individual MCCB NEMA AB 1, often used as disconnect) Circuit Breaker, Equalizer Circuit Breaker, Field Circuit breaker, gas (MV or HV) Circuit breaker, insulated case (in a LV swbd) Circuit breaker, low voltage power (draw-out mounted power CB in ANSI-rated LV swgr) Circuit breaker, molded-case in pnlbd or swbd Circuit breaker, oil (MV or HV) Circuit Breaker, Running Circuit Breaker, Starting Circuit breaker, vacuum (MV or HV)	52 CBA 7 72 CBE 22 41 CBG ICCB LVPCB MCCB CBO 42 6 CBV
Chiller, water, refrigerant Circuit breaker, AC Circuit breaker, air (MV or HV) Circuit Breaker, Anode Circuit Breaker, DC Circuit breaker, enclosed (individual MCCB NEMA AB 1, often used as disconnect) Circuit Breaker, Equalizer Circuit Breaker, Field Circuit breaker, gas (MV or HV) Circuit breaker, insulated case (in a LV swbd) Circuit breaker, low voltage power (draw-out mounted power CB in ANSI-rated LV swgr) Circuit breaker, molded-case in pnlbd or swbd Circuit breaker, oil (MV or HV) Circuit Breaker, Running Circuit Breaker, Starting Circuit breaker, vacuum (MV or HV) Circuit, electric, overhead	52 CBA 7 72 CBE 22 41 CBG ICCB LVPCB MCCB CBO 42 6 CBV CEO
Chiller, water, refrigerant Circuit breaker, AC Circuit breaker, air (MV or HV) Circuit Breaker, Anode Circuit Breaker, DC Circuit breaker, enclosed (individual MCCB NEMA AB 1, often used as disconnect) Circuit Breaker, Equalizer Circuit Breaker, Field Circuit breaker, gas (MV or HV) Circuit breaker, insulated case (in a LV swbd) Circuit breaker, low voltage power (draw-out mounted power CB in ANSI-rated LV swgr) Circuit breaker, molded-case in pnlbd or swbd Circuit breaker, oil (MV or HV) Circuit Breaker, Starting Circuit Breaker, vacuum (MV or HV) Circuit, electric, overhead Circuit, electric, underground	52 CBA 7 72 CBE 22 41 CBG ICCB LVPCB MCCB CBO 42 6 CBV CEO CEU
Chiller, water, refrigerant Circuit breaker, AC Circuit breaker, air (MV or HV) Circuit Breaker, Anode Circuit Breaker, DC Circuit breaker, enclosed (individual MCCB NEMA AB 1, often used as disconnect) Circuit Breaker, Equalizer Circuit Breaker, Field Circuit breaker, reld Circuit breaker, gas (MV or HV) Circuit breaker, insulated case (in a LV swbd) Circuit breaker, low voltage power (draw-out mounted power CB in ANSI-rated LV swgr) Circuit breaker, molded-case in pnlbd or swbd Circuit breaker, oil (MV or HV) Circuit Breaker, Starting Circuit Breaker, vacuum (MV or HV) Circuit, electric, overhead Circuit, electric, underground Cleanout	52 CBA 7 72 CBE 22 41 CBG ICCB LVPCB MCCB CBO 42 6 CBV CEO CEU
Chiller, water, refrigerant Circuit breaker, AC Circuit breaker, air (MV or HV) Circuit Breaker, Anode Circuit Breaker, DC Circuit breaker, enclosed (individual MCCB NEMA AB 1, often used as disconnect) Circuit Breaker, Equalizer Circuit Breaker, Field Circuit breaker, gas (MV or HV) Circuit breaker, insulated case (in a LV swbd) Circuit breaker, low voltage power (draw-out mounted power CB in ANSI-rated LV swgr) Circuit breaker, molded-case in pnlbd or swbd Circuit breaker, oil (MV or HV) Circuit Breaker, Running Circuit Breaker, Starting Circuit breaker, vacuum (MV or HV) Circuit, electric, overhead Circuit, electric, underground Cleanout Coil, cooling	52 CBA 7 72 CBE 22 41 CBG ICCB LVPCB MCCB CBO 42 6 CBV CEO CEU CO CCL
Chiller, water, refrigerant Circuit breaker, AC Circuit breaker, air (MV or HV) Circuit Breaker, Anode Circuit Breaker, DC Circuit breaker, enclosed (individual MCCB NEMA AB 1, often used as disconnect) Circuit Breaker, Equalizer Circuit Breaker, Field Circuit breaker, gas (MV or HV) Circuit breaker, insulated case (in a LV swbd) Circuit breaker, low voltage power (draw-out mounted power CB in ANSI-rated LV swgr) Circuit breaker, molded-case in pnlbd or swbd Circuit breaker, oil (MV or HV) Circuit Breaker, Running Circuit Breaker, Starting Circuit Breaker, vacuum (MV or HV) Circuit, electric, overhead Circuit, electric, underground Cleanout Coil, cooling Coil, cooling, evaporative	52 CBA 7 72 CBE 22 41 CBG ICCB LVPCB MCCB CBO 42 6 CBV CEO CEU CO CCL CCE
Chiller, water, refrigerant Circuit breaker, AC Circuit breaker, air (MV or HV) Circuit Breaker, Anode Circuit Breaker, DC Circuit breaker, enclosed (individual MCCB NEMA AB 1, often used as disconnect) Circuit Breaker, Equalizer Circuit Breaker, Field Circuit breaker, gas (MV or HV) Circuit breaker, insulated case (in a LV swbd) Circuit breaker, low voltage power (draw-out mounted power CB in ANSI-rated LV swgr) Circuit breaker, molded-case in pnlbd or swbd Circuit breaker, oil (MV or HV) Circuit Breaker, Running Circuit Breaker, Starting Circuit breaker, vacuum (MV or HV) Circuit, electric, overhead Circuit, electric, underground Cleanout Coil, cooling Coil, cooling, evaporative Coil, cooling, glycol	52 CBA 7 72 CBE 22 41 CBG ICCB LVPCB MCCB CBO 42 6 CBV CEO CEU CO CCL CCE CCG
Chiller, water, refrigerant Circuit breaker, AC Circuit breaker, air (MV or HV) Circuit Breaker, Anode Circuit Breaker, DC Circuit breaker, enclosed (individual MCCB NEMA AB 1, often used as disconnect) Circuit Breaker, Equalizer Circuit Breaker, Field Circuit breaker, gas (MV or HV) Circuit breaker, insulated case (in a LV swbd) Circuit breaker, low voltage power (draw-out mounted power CB in ANSI-rated LV swgr) Circuit breaker, molded-case in pnlbd or swbd Circuit breaker, oil (MV or HV) Circuit Breaker, Running Circuit Breaker, Starting Circuit Breaker, Starting Circuit, electric, overhead Circuit, electric, underground Cleanout Coil, cooling Coil, cooling, evaporative Coil, cooling, glycol Coil, heating	52 CBA 7 72 CBE 22 41 CBG ICCB LVPCB MCCB CBO 42 6 CBV CEO CEU CO CCL CCE CCG HCL
Chiller, water, refrigerant Circuit breaker, AC Circuit breaker, air (MV or HV) Circuit Breaker, Anode Circuit Breaker, DC Circuit breaker, enclosed (individual MCCB NEMA AB 1, often used as disconnect) Circuit Breaker, Equalizer Circuit Breaker, Field Circuit breaker, gas (MV or HV) Circuit breaker, insulated case (in a LV swbd) Circuit breaker, low voltage power (draw-out mounted power CB in ANSI-rated LV swgr) Circuit breaker, molded-case in pnlbd or swbd Circuit breaker, oil (MV or HV) Circuit Breaker, Running Circuit Breaker, Starting Circuit Breaker, Starting Circuit, electric, overhead Circuit, electric, underground Cleanout Coil, cooling Coil, cooling, evaporative Coil, cooling, elycol Coil, heating Collector (e.g., drip or catch pan)	52 CBA 7 72 CBE 22 41 CBG ICCB LVPCB MCCB CBO 42 6 CBV CEO CEU CO CCL CCE CCG HCL COL
Chiller, water, refrigerant Circuit breaker, AC Circuit breaker, air (MV or HV) Circuit Breaker, Anode Circuit Breaker, DC Circuit breaker, enclosed (individual MCCB NEMA AB 1, often used as disconnect) Circuit Breaker, Equalizer Circuit Breaker, Field Circuit breaker, sas (MV or HV) Circuit breaker, insulated case (in a LV swbd) Circuit breaker, low voltage power (draw-out mounted power CB in ANSI-rated LV swgr) Circuit breaker, molded-case in pnlbd or swbd Circuit breaker, oil (MV or HV) Circuit Breaker, Running Circuit Breaker, Starting Circuit breaker, vacuum (MV or HV) Circuit, electric, overhead Circuit, electric, underground Cleanout Coil, cooling Coil, cooling, evaporative Coil, cooling, glycol Coil, heating Collector (e.g., drip or catch pan) Collector, dust	52 CBA 7 72 CBE 22 41 CBG ICCB LVPCB MCCB CBO 42 6 CBV CCO CCL CCC CCC CCC CCC CCC CCC CCC CCC
Chiller, water, refrigerant Circuit breaker, AC Circuit breaker, air (MV or HV) Circuit Breaker, Anode Circuit Breaker, DC Circuit breaker, enclosed (individual MCCB NEMA AB 1, often used as disconnect) Circuit Breaker, Equalizer Circuit Breaker, Field Circuit breaker, sas (MV or HV) Circuit breaker, insulated case (in a LV swbd) Circuit breaker, low voltage power (draw-out mounted power CB in ANSI-rated LV swgr) Circuit breaker, molded-case in pnlbd or swbd Circuit breaker, oil (MV or HV) Circuit Breaker, Running Circuit Breaker, Starting Circuit breaker, vacuum (MV or HV) Circuit, electric, overhead Circuit, electric, underground Cleanout Coil, cooling Coil, cooling, evaporative Coil, cooling, glycol Coil, heating Collector (e.g., drip or catch pan) Collector, dust Column, water	52 CBA 7 72 CBE 22 41 CBG ICCB LVPCB MCCB CBO 42 6 CBV CEO CCL CCE CCG HCL COL CD CW
Chiller, water, refrigerant Circuit breaker, AC Circuit breaker, air (MV or HV) Circuit Breaker, Anode Circuit Breaker, DC Circuit breaker, enclosed (individual MCCB NEMA AB 1, often used as disconnect) Circuit Breaker, Equalizer Circuit Breaker, Field Circuit breaker, sield Circuit breaker, insulated case (in a LV swbd) Circuit breaker, low voltage power (draw-out mounted power CB in ANSI-rated LV swgr) Circuit breaker, molded-case in pnlbd or swbd Circuit breaker, oil (MV or HV) Circuit Breaker, Running Circuit Breaker, Starting Circuit breaker, vacuum (MV or HV) Circuit, electric, overhead Circuit, electric, underground Cleanout Coil, cooling Coil, cooling Coil, cooling, evaporative Coil, cooling, glycol Coil, heating Collector (e.g., drip or catch pan) Collector, dust Column, water Communication, Special	52 CBA 7 72 CBE 22 41 CBG ICCB LVPCB MCCB CBO 42 6 CBV CEO CEU CO CCL CCE CCG HCL COL CD CW COMX
Chiller, water, refrigerant Circuit breaker, AC Circuit breaker, air (MV or HV) Circuit Breaker, Anode Circuit Breaker, DC Circuit breaker, enclosed (individual MCCB NEMA AB 1, often used as disconnect) Circuit Breaker, Equalizer Circuit Breaker, Field Circuit breaker, sield Circuit breaker, insulated case (in a LV swbd) Circuit breaker, insulated case (in a LV swbd) Circuit breaker, low voltage power (draw-out mounted power CB in ANSI-rated LV swgr) Circuit breaker, molded-case in pnlbd or swbd Circuit breaker, oil (MV or HV) Circuit Breaker, Running Circuit Breaker, Starting Circuit breaker, vacuum (MV or HV) Circuit, electric, overhead Circuit, electric, underground Cleanout Coil, cooling Coil, cooling, evaporative Coil, cooling, evaporative Coil, heating Collector (e.g., drip or catch pan) Collector, dust Column, water Communication, Special Compressor	52 CBA 7 72 CBE 22 41 CBG ICCB LVPCB MCCB CBO 42 6 CBV CEO CCL CCE CCG HCL COL CD CW COMX COMPR
Chiller, water, refrigerant Circuit breaker, AC Circuit breaker, air (MV or HV) Circuit Breaker, Anode Circuit Breaker, DC Circuit breaker, enclosed (individual MCCB NEMA AB 1, often used as disconnect) Circuit Breaker, Equalizer Circuit Breaker, Field Circuit breaker, sas (MV or HV) Circuit breaker, insulated case (in a LV swbd) Circuit breaker, low voltage power (draw-out mounted power CB in ANSI-rated LV swgr) Circuit breaker, oil (MV or HV) Circuit breaker, oil (MV or HV) Circuit Breaker, Starting Circuit breaker, vacuum (MV or HV) Circuit breaker, vacuum (MV or HV) Circuit, electric, overhead Circuit, electric, underground Cleanout Coil, cooling Coil, cooling, evaporative Coil, cooling, evaporative Coil, cheating Collector (e.g., drip or catch pan) Collector, dust Compressor Compressor, air	52 CBA 7 72 CBE 22 41 CBG ICCB LVPCB MCCB CBO 42 6 CBV CEO CEU CO CCL CCE CCG HCL COL CD CW COMX COMPR CA
Chiller, water, refrigerant Circuit breaker, AC Circuit breaker, air (MV or HV) Circuit Breaker, Anode Circuit Breaker, DC Circuit breaker, enclosed (individual MCCB NEMA AB 1, often used as disconnect) Circuit Breaker, Equalizer Circuit Breaker, Field Circuit breaker, Field Circuit breaker, insulated case (in a LV swbd) Circuit breaker, low voltage power (draw-out mounted power CB in ANSI-rated LV swgr) Circuit breaker, oil (MV or HV) Circuit Breaker, oil (MV or HV) Circuit Breaker, starting Circuit breaker, vacuum (MV or HV) Circuit, electric, overhead Circuit, electric, underground Cleanout Coil, cooling Coil, cooling, evaporative Coil, cooling, evaporative Coil, heating Collector (e.g., drip or catch pan) Collector, dust Column, water Communication, Special Compressor	52 CBA 7 72 CBE 22 41 CBG ICCB LVPCB MCCB CBO 42 6 CBV CEO CCL CCE CCG HCL COL CD CW COMX COMPR

- annual alta a ODA an DHA)	1
connected to a CRA or RUA)	CDII
Condensate recovery unit	CRU
Condenser (e.g., process) Condenser, refrigerant, air-cooled (if compressor see	COND CRA
RUA; see also CRAC)	CKA
Condenser, refrigerant, evaporative	CRE
Condenser, turbine exhaust	CTE
Connector or coupling (including electrical grounds)	CONN
Constant air volume (box)	CAV
Contactor	CNTR
Contactor, Field Changing	93
Contactor, Isolating	29
Contactor, Load-Resistor	73
Contactor, Master	4
Contactor, Starting-To-Running Transition	19
Container	CONT
Continuous Air Monitor (CAM) Supervisor Module	CSM
Continuous Air Monitor (see Monitor, continuous air)	
Control Device, Permissive	69
Control operator, analyzer	ACO
Control operator, conductivity	CCO
Control operator, differential pressure	PDCO
Control operator, flow	FCO
Control operator, hand	HCO LCO
Control operator, level	
Control operator, pressure Control operator, special	PCO XCO
Control operator, speed	SCO
Control operator, speed Control operator, temperature	TCO
Control panel see Panel, control	100
Control station, indicating, analyzer	AIK
Control station, indicating, burner	BIK
Control station, indicating, conductivity	CIK
Control station, indicating, current	IIK
Control station, indicating, differential pressure	PDIK
Control station, indicating, flow	FIK
Control station, indicating, moisture	MIK
Control station, indicating, power	JIK
Control station, indicating, special	XIK
Control station, indicating, speed	SIK
Control station, indicating, temperature	TIK
Control station, indicating, voltage	EIK
Control station, recording, analyzer Control station, recording, conductivity	ARK
Control station, recording, conductivity Control station, recording, differential pressure	CRK PDRK
Control station, recording, flow	FRK
Control station, recording, now	LRK
Control station, recording, special	XRK
Control station, recording, temperature	TRK
Control, analyzer	AC
Control, burner	BC
Control, conductivity	CC
Control, current	IC
Control, deviation	ZDC
Control, differential pressure	PDC
Control, differential temperature	TDC
Control, flow	FC@
Control, flow, ratio	FFC
Control, force differential	WDC
Control, hand	HC
Control, indicating, analyzer	AIC
Control, indicating, burner	BIC
Control, indicating, conductivity	CIC
Control, indicating, current Control, indicating, deviation	IIC ZDIC
Control, indicating, deviation Control, indicating, differential pressure	PDIC
Control, indicating, differential pressure	רטוט

Control, indicating, differential temperature	TDIC
Control, indicating, differential temperature Control, indicating, flow	
Control, Indicating, flow	FIC
Control, indicating, flow ratio	FFIC
Control, indicating, flow, quantity	FQIC
Control, indicating, force differential	WDIC
Control, indicating, hand	HIC
Control, indicating, level	LIC
Control, indicating, moisture	MIC
Control, indicating, power	JIC
Control, indicating, presence or state	YIC
Control, indicating, presence of state Control, indicating, pressure	PIC
Control, indicating, pressure	
Control, indicating, quantity	QIC
Control, indicating, radiation	RIC
Control, indicating, special	XIC
Control, indicating, speed	SIC
Control, indicating, temperature	TIC
Control, indicating, time	KIC
Control, indicating, voltage	EIC
Control, indicating, voidage Control, indicating, weight or force	WIC
Control, indicating, weight of force	ZIC
Control, indicating, zone or position	_
Control, level	LC
Control, moisture	MC@
Control, power	JC
Control, presence or state	YC
Control, pressure	PC@
Control, radiation	RC
Control, recording, analyzer	ARC
Control, recording, burner	BRC
Control, recording, burner	CRC
Control, recording, conductivity	
Control, recording, current	IRC
Control, recording, deviation	ZDRC
Control, recording, differential pressure	PDRC
Control, recording, differential temperature	TDRC
Control, recording, flow	FRC
Control, recording, flow, quantity	FQRC
Control, recording, flow, ratio	FFRC
Control, recording, force differential	WDRC
Control, recording, level	LRC
Control, recording, level	
Control, recording, moisture	MRC
Control, recording, position	ZRC
Control, recording, power	JRC
Control, recording, pressure	PRC
Control, recording, quantity	QRC
Control, recording, radiation	RRC
Control, recording, special	XRC
Control, recording, speed	
Control, recording, speed	SRC
Control, recording, temperature	SRC TRC@
Control, recording, temperature Control, recording, time	SRC TRC@ KRC
Control, recording, temperature Control, recording, time Control, recording, voltage	SRC TRC@ KRC ERC
Control, recording, temperature Control, recording, time Control, recording, voltage Control, recording, weight or force	SRC TRC@ KRC ERC WRC
Control, recording, temperature Control, recording, time Control, recording, voltage Control, recording, weight or force Control, special	SRC TRC@ KRC ERC WRC
Control, recording, temperature Control, recording, time Control, recording, voltage Control, recording, weight or force Control, special Control, speed	SRC TRC@ KRC ERC WRC XC SC
Control, recording, temperature Control, recording, time Control, recording, voltage Control, recording, weight or force Control, special	SRC TRC@ KRC ERC WRC
Control, recording, temperature Control, recording, time Control, recording, voltage Control, recording, weight or force Control, special Control, speed Control, temperature	SRC TRC@ KRC ERC WRC XC SC TC@
Control, recording, temperature Control, recording, time Control, recording, voltage Control, recording, weight or force Control, special Control, speed Control, temperature Control, time	SRC TRC@ KRC ERC WRC XC SC TC@ KC
Control, recording, temperature Control, recording, time Control, recording, voltage Control, recording, weight or force Control, special Control, speed Control, temperature Control, time Control, voltage	SRC TRC@ KRC ERC WRC XC SC TC@ KC
Control, recording, temperature Control, recording, time Control, recording, voltage Control, recording, weight or force Control, special Control, speed Control, temperature Control, time Control, voltage Control, weight or force	SRC TRC@ KRC ERC WRC XC SC TC@ KC EC
Control, recording, temperature Control, recording, time Control, recording, voltage Control, recording, weight or force Control, special Control, speed Control, temperature Control, time Control, voltage Control, weight or force Control, zone or position	SRC TRC@ KRC ERC WRC XC SC TC@ KC EC WC ZC
Control, recording, temperature Control, recording, time Control, recording, voltage Control, recording, weight or force Control, special Control, speed Control, temperature Control, time Control, voltage Control, weight or force Control, zone or position Controller (TA55 use only, others use specific kind)	SRC TRC@ KRC ERC WRC XC SC TC@ KC EC WC ZC CNTLR
Control, recording, temperature Control, recording, time Control, recording, voltage Control, recording, weight or force Control, special Control, speed Control, time Control, time Control, voltage Control, weight or force Control, zone or position Controller (TA55 use only, others use specific kind) Controller, pneumatic (phasing out; note, CP=control	SRC TRC@ KRC ERC WRC XC SC TC@ KC EC WC ZC
Control, recording, temperature Control, recording, time Control, recording, voltage Control, recording, weight or force Control, special Control, speed Control, time Control, voltage Control, weight or force Control, weight or force Control, zone or position Controller (TA55 use only, others use specific kind) Controller, pneumatic (phasing out; note, CP=control panel at TA-55)	SRC TRC@ KRC ERC WRC XC SC TC@ KC EC CO TCC TCC TCC TCC TCC TCC TCC TCC TCC
Control, recording, temperature Control, recording, time Control, recording, voltage Control, recording, weight or force Control, special Control, speed Control, time Control, time Control, voltage Control, weight or force Control, zone or position Controller (TA55 use only, others use specific kind) Controller, pneumatic (phasing out; note, CP=control panel at TA-55) Controller, pneumatic, flow	SRC TRC@ KRC ERC WRC XC SC TC@ KC EC COTTC
Control, recording, temperature Control, recording, time Control, recording, voltage Control, recording, weight or force Control, special Control, speed Control, time Control, time Control, voltage Control, weight or force Control, zone or position Controller (TA55 use only, others use specific kind) Controller, pneumatic (phasing out; note, CP=control panel at TA-55) Controller, pneumatic, flow Controller, programmable logic	SRC TRC@ KRC ERC WRC XC SC TC@ KC EC CO TCC TCC TCC TCC TCC TCC TCC TCC TCC
Control, recording, temperature Control, recording, time Control, recording, voltage Control, recording, weight or force Control, special Control, speed Control, temperature Control, time Control, voltage Control, weight or force Control, zone or position Controller (TA55 use only, others use specific kind) Controller, pneumatic (phasing out; note, CP=control panel at TA-55) Controller, pneumatic, flow	SRC TRC@ KRC ERC WRC XC SC TC@ KC EC COTTC
Control, recording, temperature Control, recording, time Control, recording, voltage Control, recording, weight or force Control, special Control, speed Control, temperature Control, time Control, voltage Control, weight or force Control, weight or force Controll, zone or position Controller (TA55 use only, others use specific kind) Controller, pneumatic (phasing out; note, CP=control panel at TA-55) Controller, pneumatic, flow Controller, programmable logic Converter	SRC TRC@ KRC ERC WRC XC SC TC@ KC EC COTLR CP CPF PLC
Control, recording, temperature Control, recording, time Control, recording, voltage Control, recording, weight or force Control, special Control, speed Control, temperature Control, time Control, voltage Control, weight or force Control, weight or force Control, zone or position Controller (TA55 use only, others use specific kind) Controller, pneumatic (phasing out; note, CP=control panel at TA-55) Controller, pneumatic, flow Controller, programmable logic Converter Conveyor (belt, auger, etc.)	SRC TRC@ KRC ERC WRC XC SC TC@ KC EC WC ZC CNTLR CP CPF PLC CNV
Control, recording, temperature Control, recording, time Control, recording, voltage Control, recording, weight or force Control, special Control, speed Control, temperature Control, time Control, voltage Control, weight or force Control, weight or force Controll, zone or position Controller (TA55 use only, others use specific kind) Controller, pneumatic (phasing out; note, CP=control panel at TA-55) Controller, pneumatic, flow Controller, programmable logic Converter	SRC TRC@ KRC ERC WRC XC SC TC@ KC EC WC ZC CNTLR CP CPF PLC CNV CVVR

Cooler water (including drinking fountains)	WCR
Cooler, water (including drinking fountains) Counter, permanent (e.g., autos, not PCM)	CTPERM
Counter, permanent (e.g., autos, not PCM) Counter, portable	CTPORT
Crack or Fissure in Building	CRACK
Crane, bridge	CTO
Crane, gantry	CTG
Crane, jib	CJ
Crane, mobile or fixed (use specific type where	CRANE
possible)	OTOAINE
Crane, monorail	СМ
Crane, shop	CS
Criticality Alarm Sys (CAS) Detector	CASD
Criticality Alarm Sys (CAS) Ratemeter	CASR
Crucible	CRUC
Curbing (asphalt, concrete)	CURB
Cylinder	CYL
Damper	DMP
Damper, fire	DF
Damper, smoke (some legacy use as door switch,	DS
now use BMS)	
Data Acquisition	DAQ
Deck (e.g., bridge, roof)	DECK
Dehumidifier	DHM
Demineralizer	DMN
Demister	DMST
Desuperheater	DSH
Detector, Flame (e.g., boiler)	28
Detector, heat (but XTS preferred)	HD
Detector, Heat (XTS preferred)	XTS
Detector, radiation (see Primary Element, radiation)	
Detector, smoke	SMD
Detector, smoke, high sensitivity (incl. aspirating)	HSSD
Device, Accelerating	18A
Device, Apparatus Thermal	26
Device, Bearing Protective	38
Device, Brush-Operating or Slip-Ring Short Circuiting	35
Device, Control Power Disconnecting	8
Device, Decelerating	18D
Device, Manual Trans/Select	43
Device, Master Sequence	34
Device, network communication	NCD
Device, Notching or Jogging	66
Device, Overspeed	12
Device, Polarity or Polarizing Voltage	36
Device, Reversing	9 31
Device, Separate Excitation	
Device, Short-Circuiting or Grounding	57
Device, Speed or Frequency Matching	15
Device, Stopping	5
Device, Synchronous Speed	13
Device, Temperature Control	23
Device, Underspeed	14 DEWAR
Dewar Diffuser	DIF
Diffuser, aeration basin Disconnect, circuit (enclosed switch, safety switch)	DAB CDD
Disconnect, circuit (enclosed switch, safety switch)	
	DHO
Disconnect, hand-operated	DHO
Disconnect, hand-operated Disconnect, motor-operated	DMO
Disconnect, hand-operated Disconnect, motor-operated Dishwasher, glassware cleaner, or sterilizer	DMO DSHW
Disconnect, hand-operated Disconnect, motor-operated Dishwasher, glassware cleaner, or sterilizer Disinfection system, mixed-oxidant	DMO DSHW MDS
Disconnect, hand-operated Disconnect, motor-operated Dishwasher, glassware cleaner, or sterilizer Disinfection system, mixed-oxidant Distribution Bus Duct	DMO DSHW MDS DBD
Disconnect, hand-operated Disconnect, motor-operated Dishwasher, glassware cleaner, or sterilizer Disinfection system, mixed-oxidant Distribution Bus Duct Door	DMO DSHW MDS DBD DR
Disconnect, hand-operated Disconnect, motor-operated Dishwasher, glassware cleaner, or sterilizer Disinfection system, mixed-oxidant Distribution Bus Duct Door Door, air curtain	DMO DSHW MDS DBD DR DAC
Disconnect, hand-operated Disconnect, motor-operated Dishwasher, glassware cleaner, or sterilizer Disinfection system, mixed-oxidant Distribution Bus Duct Door Door, air curtain Door, fire, electrical	DMO DSHW MDS DBD DR DAC FDE
Disconnect, hand-operated Disconnect, motor-operated Dishwasher, glassware cleaner, or sterilizer Disinfection system, mixed-oxidant Distribution Bus Duct Door Door, air curtain	DMO DSHW MDS DBD DR DAC

Door, motorized Door, roll-up, electric Door, roll-up, hydraulic Door, roll-up, hydraulic Door, roll-up, manual Drain Drain Drain, floor Drawer Drinking fountain (see cooler, water) Dri-Train (see Dryer, catalyst) Drive, fluid Drive, variable frequency Drop Box (TA55 only. DB normally bus duct) Drum, 110 gallon DRM DRM DRM DRM DRM DRM DRM DDRM DDRM	
Door, roll-up, hydraulic Door, roll-up, manual Drain Drain Drain, floor Drawer Drinking fountain (see cooler, water) Dri-Train (see Dryer, catalyst) Drive, fluid Drive, variable frequency Drop Box (TA55 only. DB normally bus duct) Dri Dri Drum Tumbler DRM DRM DRN DRN DRN DWR	
Door, roll-up, hydraulic Door, roll-up, manual Drain Drain Drain, floor Drawer Drinking fountain (see cooler, water) Dri-Train (see Dryer, catalyst) Drive, fluid Drive, variable frequency Drop Box (TA55 only. DB normally bus duct) Dri Dri Drum Tumbler DRM DRM DRN DRN DRN DWR	
Door, roll-up, manual Drain Drain Drain, floor Drawer Drinking fountain (see cooler, water) Dri-Train (see Dryer, catalyst) Drive, fluid Drive, variable frequency Drop Box (TA55 only. DB normally bus duct) Drum Tumbler DRM DRM DWR	
Drain DRN Drain, floor FD Drawer DWR Drinking fountain (see cooler, water) Dri-Train (see Dryer, catalyst) Drive, fluid DFL Drive, variable frequency VFD Drop Box (TA55 only. DB normally bus duct) DB Drum Tumbler DT	
Drain, floor FD Drawer DWR Drinking fountain (see cooler, water) Dri-Train (see Dryer, catalyst) Drive, fluid DFL Drive, variable frequency VFD Drop Box (TA55 only. DB normally bus duct) DB Drum Tumbler DT	
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Drawer DWR Drinking fountain (see cooler, water) Dri-Train (see Dryer, catalyst) Drive, fluid DFL Drive, variable frequency VFD Drop Box (TA55 only. DB normally bus duct) DB Drum Tumbler DT	
Drinking fountain (see cooler, water) Dri-Train (see Dryer, catalyst) Drive, fluid Drive, variable frequency Drop Box (TA55 only. DB normally bus duct) Drum Tumbler Drum Tumbler	
Dri-Train (see Dryer, catalyst) Drive, fluid DFL Drive, variable frequency VFD Drop Box (TA55 only. DB normally bus duct) DB Drum Tumbler DT	
Drive, fluid DFL Drive, variable frequency VFD Drop Box (TA55 only. DB normally bus duct) DB Drum Tumbler DT	
Drive, fluid DFL Drive, variable frequency VFD Drop Box (TA55 only. DB normally bus duct) DB Drum Tumbler DT	
Drive, variable frequency VFD Drop Box (TA55 only. DB normally bus duct) DB Drum Tumbler DT	
Drop Box (TA55 only. DB normally bus duct) DB Drum Tumbler DT	
Drum Tumbler DT	
Drum, 55 gallon 55GAL	
Drum, 85 gallon 85GAL	
Dryer, air, desiccant DAD	
Dryer, air, refrigerant DAR	
Dryer, catalyst (e.g., Dri-Train) DDT	
Duct DUCT	
Earth (Snow) Moving Equipment (see Loader)	
Electro corrector, gas EG	
Element (electric, heating, etc.)	
Elevator, electric EE	
Elevator, hydraulic EH	
Enclosure see fume hood	
Energy recovery ventilator ERV	
Engine ENG	
Equipment, Heavy HVYEC)
Equipment, surveillance ESS	
Equipment, Test (only when no specific applies) TSTEQ	!
Evaporator EVP	
Exciter EXC	
Exit Sign Non-Tritium (see Light, non-tritium)	
Exit Sign Tritium (see Light, tritium)	
Expansion joint (piping, bridge) EXPJT	
external TBLK	
Extinguisher, fire EXT	
Eyewash	
Fall protection equipment FPE	
Fan FAN	
Fan coil unit FCU	
Fan, booster FB	
Fan, circulating FC	
Fan, condenser FCD	
Fan, condenser FCD Fan, cooling tower FCT	
Fan, condenser FCD Fan, cooling tower FCT	
Fan, condenserFCDFan, cooling towerFCTFan, exhaustFE	
Fan, condenserFCDFan, cooling towerFCTFan, exhaustFEFan, exhaust, fume hoodFEH	_
Fan, condenser FCD Fan, cooling tower FCT Fan, exhaust FE Fan, exhaust, fume hood FEH Fan, return or recirculation FRA	
Fan, condenserFCDFan, cooling towerFCTFan, exhaustFEFan, exhaust, fume hoodFEH	
Fan, condenserFCDFan, cooling towerFCTFan, exhaustFEFan, exhaust, fume hoodFEHFan, return or recirculationFRAFan, supplyFS	
Fan, condenser FCD Fan, cooling tower FCT Fan, exhaust FE Fan, exhaust, fume hood FEH Fan, return or recirculation FRA Fan, supply FS Fence FEN	
Fan, condenser FCD Fan, cooling tower FCT Fan, exhaust FE Fan, exhaust, fume hood FEH Fan, return or recirculation FRA Fan, supply FS Fence FEN Field termination box FTB	
Fan, condenser FCD Fan, cooling tower FCT Fan, exhaust FE Fan, exhaust, fume hood FEH Fan, return or recirculation FRA Fan, supply FS Fence FEN Field termination box FTB Fill cup, sprinkler standpipe (funnel) FCD	
Fan, condenser FCD Fan, cooling tower FCT Fan, exhaust FE Fan, exhaust, fume hood FEH Fan, return or recirculation FRA Fan, supply FS Fence FEN Field termination box FTB Fill cup, sprinkler standpipe (funnel) FCD	
Fan, condenser FCD Fan, cooling tower FCT Fan, exhaust FE Fan, exhaust, fume hood FEH Fan, return or recirculation FRA Fan, supply FS Fence Field termination box FTB Fill cup, sprinkler standpipe (funnel) FLT	
Fan, condenser FCD Fan, cooling tower FCT Fan, exhaust FE Fan, exhaust, fume hood FEH Fan, return or recirculation FRA Fan, supply FS Fence Field termination box FTB Fill cup, sprinkler standpipe (funnel) FLT Filter (liquid mainly) FLT Filter frame (see Frame, filter)	
Fan, condenser FCD Fan, cooling tower FCT Fan, exhaust FE Fan, exhaust, fume hood FEH Fan, return or recirculation FRA Fan, supply FS Fence Field termination box FTB Fill cup, sprinkler standpipe (funnel) FIT Filter (liquid mainly) FIT Filter, air, bag or box FAB	
Fan, condenser FCD Fan, cooling tower FCT Fan, exhaust FE Fan, exhaust, fume hood FEH Fan, return or recirculation FRA Fan, supply FS Fence Field termination box FTB Fill cup, sprinkler standpipe (funnel) FLT Filter (liquid mainly) FLT Filter frame (see Frame, filter)	
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Fan, condenser FCD Fan, cooling tower FCT Fan, exhaust FE Fan, exhaust, fume hood FEH Fan, return or recirculation FRA Fan, supply FS Fence Fild termination box Fill cup, sprinkler standpipe (funnel) FITB Fill cup, sprinkler standpipe (funnel) FITF Filter (liquid mainly) FITF Filter frame (see Frame, filter) Filter, air, bag or box FAB Filter, air, charcoal FAL Filter, air, cleanable FAC Filter, air, electrostatic FES	
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Fan, condenser Fan, cooling tower Fan, exhaust FE Fan, exhaust, fume hood FEH Fan, return or recirculation FRA Fan, supply FS Fence Field termination box Fill cup, sprinkler standpipe (funnel) FITB Fill cup, sprinkler standpipe (funnel) FITF Filter (liquid mainly) FITF Filter, air, bag or box FAB Filter, air, charcoal FAL Filter, air, clectrostatic FES Filter, air, electrostatic FES Filter, air, fire FAF Filter, air, fire FAF Filter, air, HEPA (or gas) FAH	
Fan, condenser FCD Fan, cooling tower FCT Fan, exhaust FE Fan, exhaust, fume hood FEH Fan, return or recirculation FRA Fan, supply FS Fence Field termination box Fill cup, sprinkler standpipe (funnel) FIT Filter (liquid mainly) FIT Filter, air, bag or box FAB Filter, air, charcoal FAL Filter, air, cleanable FAC Filter, air, electrostatic FES Filter, air, fire FAF Filter, air, fire FAF Filter, air, HEPA (or gas) FAM Filter, air, mat FAM	
Fan, condenser Fan, cooling tower Fan, exhaust FE Fan, exhaust, fume hood FEH Fan, return or recirculation FRA Fan, supply FS Fence Filld termination box FTB Fill cup, sprinkler standpipe (funnel) FIT Filter (liquid mainly) FIT Filter, air, bag or box Filter, air, charcoal Filter, air, cleanable Filter, air, electrostatic FES Filter, air, fire FAF Filter, air, fire FAF Filter, air, HEPA (or gas) FAM Filter, air, pad FAP	
Fan, condenser Fan, cooling tower Fan, exhaust FE Fan, exhaust, fume hood FEH Fan, return or recirculation FRA Fan, supply FS Fence Filld termination box FTB Fill cup, sprinkler standpipe (funnel) FIT Filter (liquid mainly) FIT Filter, air, bag or box Filter, air, charcoal Filter, air, cleanable Filter, air, electrostatic FES Filter, air, fire FAF Filter, air, fire FAF Filter, air, HEPA (or gas) FAM Filter, air, pad FAP	
Fan, condenser Fan, cooling tower Fan, exhaust FE Fan, exhaust, fume hood FEH Fan, return or recirculation FRA Fan, supply FS Fence Fill cup, sprinkler standpipe (funnel) FIT Filter (liquid mainly) FIT Filter, air, bag or box FIB Filter, air, cleanable Filter, air, cleanable Filter, air, electrostatic Filter, air, fire Filter, air, fire Filter, air, fire FAF Filter, air, thepA (or gas) FAH Filter, air, mat FAM Filter, air, pad FAP	

Γ=	1
Filter, roll	FRL
Final element, analyzer	AV
Final element, burner	BZ
Final element, current	IZ
Final element, deviation	ZDV
Final element, differential pressure	PDV
Final element, differential temperature	TDV
Final element, flow, quantity	FQV
Final element, flow, rate	FV
Final element, flow, ratio	FFV
Final element, force differential	WDZ
Final element, hand	HV@
Final element, level	LV
Final element, multivariable	UV
Final element, position	ZV
Final element, power	JV
Final element, presence or state	YZ
Final element, pressure	PV@
	QZ
Final element, quantity	QZ
Final element, radiation	RZ
Final element, speed	SV@
Final element, temperature	TV@
Final element, time	KV@
Final element, vibration analysis	VZ
Final element, voltage	EZ
Final element, weight or force	WZ
Fire department connection	FDC@
Fire extinguishing agent, Class D	FEACLD
Fire suppression dry chemical	FSDC
Fire suppression extinguishing system, gaseous or	EXS
halon	
Fire suppression hybrid water/inert	FSHWI
Fire suppression wet chemical	FSWC
Fire suppression wet foam	FSWF
Fire suppression wet foam preaction	FSWFA
Fixed Head Air Sampler	FAS
Fixture	FXTR
Flasher	FLASHR
Forklift	FRKLFT
	FF
Frame, Filter	
Fume hood (but use XB when leading to a GB)	FH
Fume hood exhaust (see fan, exhaust, hood)	
Furnace, electric (see Oven)	
Furnace, gas fired	FGF
Fuse	FU
Fusible Link (see Safety device, temperature)	
Gas chromatograph	GC
Gate, electric	GE
Gate, hydraulic	GH
Gearbox	GRBX
Generator	GEN
Generator, Auxiliary Motor or Motor	88
Generator, diesel engine	GDE
Generator, motor	MG
Generator, natural gas engine	GNE
Generator, permanent magnet	PMG
Generator, steam driven	GNS
Glovebox	GB
Glovebox, introductory/exchange (fume hd leading to	XB
	^b
GB)	65
Governor Crillo register diffuser or leaver (HVAC)	
Grille, register, diffuser, or louver (HVAC)	GRD
Grinder, belt	GRB
Grinder, pedestal	GRP

Ground, overcurrent trip (see Relay, AC)	
Hand and foot monitor	HFM
Heat exchanger	HX
Heat exchanger, glycol	HXG
Heat exchanger, oil	HXO
Heat exchanger, refrigerant	HXR
Heat exchanger, steam	HXS
Heat exchanger, water	HXW
Heater (e.g., electric element)	HTR
Heater unit, air, electric	HUE
Heater unit, air, electric	
Heater unit, air, gas	HUG
Heater unit, air, infrared	HUI
Heater unit, air, steam	HUS
Heater unit, air, steam-electric	HSE
Heater unit, air, water	HUW
Heater, deaerating	HDA
	HDE
Heater, duct, electric	
Heater, duct, gas	HDG
Heater, feed water, high-pressure	HFH
Heater, feed water, intermediate-pressure	HFI
Heater feed water, intermediate-pressure	
Heater, feed water, low-pressure	HFL
Heater, water, electric	HWE
Heater, water, gas	HWG
Heater, water, steam	HWS
Heating ventilation air conditioning unit (furnace or	HVA
heat pump w/ heat and cool; heat only see Furnace;	
cool only see ACR; fan/coil only see fan coil unit FCU)	
cool only see ACR, fail/coil only see fair coil unit PCO)	
Heating Ventilation Plenum Frame (has coils;	HVP
otherwise use frame, filter)	
Heating ventilation unit (see also Furnace)	HV
LIEDA ('Itama and alla and 'tama and and and and and and and and and an	
HEPA filter, portable unit or vacuum	HEPAPU
Hoist or winch (TA55 only; others use specific kind)	HST
	HE
Hoist or winch, electric	HE
Hoist or winch, electric Hoist or winch, manual	HM
Hoist or winch, electric Hoist or winch, manual Hoist or winch, pneumatic/hyd	
Hoist or winch, electric Hoist or winch, manual Hoist or winch, pneumatic/hyd	HM
Hoist or winch, electric Hoist or winch, manual Hoist or winch, pneumatic/hyd Hood, fume see fume hood	HM HP
Hoist or winch, electric Hoist or winch, manual Hoist or winch, pneumatic/hyd Hood, fume see fume hood Hose	HM HP PSX
Hoist or winch, electric Hoist or winch, manual Hoist or winch, pneumatic/hyd Hood, fume see fume hood Hose Hose bib	HM HP PSX HB
Hoist or winch, electric Hoist or winch, manual Hoist or winch, pneumatic/hyd Hood, fume see fume hood Hose	HM HP PSX
Hoist or winch, electric Hoist or winch, manual Hoist or winch, pneumatic/hyd Hood, fume see fume hood Hose Hose bib Hot Plate	HM HP PSX HB
Hoist or winch, electric Hoist or winch, manual Hoist or winch, pneumatic/hyd Hood, fume see fume hood Hose Hose bib Hot Plate Hot water heater, potable (see Heater, hot water)	HM HP PSX HB HTPLT
Hoist or winch, electric Hoist or winch, manual Hoist or winch, pneumatic/hyd Hood, fume see fume hood Hose Hose bib Hot Plate Hot water heater, potable (see Heater, hot water) Humidifier, air, steam	HM HP PSX HB HTPLT
Hoist or winch, electric Hoist or winch, manual Hoist or winch, pneumatic/hyd Hood, fume see fume hood Hose Hose bib Hot Plate Hot water heater, potable (see Heater, hot water) Humidifier, air, steam Humidifier, air, water	HM HP PSX HB HTPLT HAS HAW
Hoist or winch, electric Hoist or winch, manual Hoist or winch, pneumatic/hyd Hood, fume see fume hood Hose Hose bib Hot Plate Hot water heater, potable (see Heater, hot water) Humidifier, air, steam	HM HP PSX HB HTPLT
Hoist or winch, electric Hoist or winch, manual Hoist or winch, pneumatic/hyd Hood, fume see fume hood Hose Hose bib Hot Plate Hot water heater, potable (see Heater, hot water) Humidifier, air, steam Humidifier, air, water Hydrant	HM HP PSX HB HTPLT HAS HAW HYD
Hoist or winch, electric Hoist or winch, manual Hoist or winch, pneumatic/hyd Hood, fume see fume hood Hose Hose bib Hot Plate Hot water heater, potable (see Heater, hot water) Humidifier, air, steam Humidifier, air, water Hydrant Hydraulic system	HM HP PSX HB HTPLT HAS HAW HYD HYDSYS
Hoist or winch, electric Hoist or winch, manual Hoist or winch, pneumatic/hyd Hood, fume see fume hood Hose Hose bib Hot Plate Hot water heater, potable (see Heater, hot water) Humidifier, air, steam Humidifier, air, water Hydrant Hydraulic system Ice maker machine	HM HP PSX HB HTPLT HAS HAW HYD HYDSYS
Hoist or winch, electric Hoist or winch, manual Hoist or winch, pneumatic/hyd Hood, fume see fume hood Hose Hose bib Hot Plate Hot water heater, potable (see Heater, hot water) Humidifier, air, steam Humidifier, air, water Hydrant Hydraulic system	HM HP PSX HB HTPLT HAS HAW HYD HYDSYS
Hoist or winch, electric Hoist or winch, manual Hoist or winch, pneumatic/hyd Hood, fume see fume hood Hose Hose bib Hot Plate Hot water heater, potable (see Heater, hot water) Humidifier, air, steam Humidifier, air, water Hydrant Hydraulic system Ice maker machine Igniter	HM HP PSX HB HTPLT HAS HAW HYD HYDSYS IMM IGNTR
Hoist or winch, electric Hoist or winch, manual Hoist or winch, pneumatic/hyd Hood, fume see fume hood Hose Hose bib Hot Plate Hot water heater, potable (see Heater, hot water) Humidifier, air, steam Humidifier, air, water Hydrant Hydraulic system Ice maker machine Igniter Indicator, analyzer	HM HP PSX HB HTPLT HAS HAW HYD HYDSYS IMM IGNTR AI
Hoist or winch, electric Hoist or winch, manual Hoist or winch, pneumatic/hyd Hood, fume see fume hood Hose Hose bib Hot Plate Hot water heater, potable (see Heater, hot water) Humidifier, air, steam Humidifier, air, water Hydrant Hydraulic system Ice maker machine Igniter Indicator, analyzer Indicator, burner	HM HP PSX HB HTPLT HAS HAW HYD HYDSYS IMM IGNTR AI BI
Hoist or winch, electric Hoist or winch, manual Hoist or winch, pneumatic/hyd Hood, fume see fume hood Hose Hose bib Hot Plate Hot water heater, potable (see Heater, hot water) Humidifier, air, steam Humidifier, air, water Hydrant Hydraulic system Ice maker machine Igniter Indicator, analyzer Indicator, burner Indicator, conductivity	HM HP PSX HB HTPLT HAS HAW HYD HYDSYS IMM IGNTR AI BI CI
Hoist or winch, electric Hoist or winch, manual Hoist or winch, pneumatic/hyd Hood, fume see fume hood Hose Hose bib Hot Plate Hot water heater, potable (see Heater, hot water) Humidifier, air, steam Humidifier, air, water Hydrant Hydraulic system Ice maker machine Igniter Indicator, analyzer Indicator, burner	HM HP PSX HB HTPLT HAS HAW HYD HYDSYS IMM IGNTR AI BI
Hoist or winch, electric Hoist or winch, manual Hoist or winch, pneumatic/hyd Hood, fume see fume hood Hose Hose bib Hot Plate Hot water heater, potable (see Heater, hot water) Humidifier, air, steam Humidifier, air, water Hydrant Hydraulic system Ice maker machine Igniter Indicator, analyzer Indicator, conductivity Indicator, current	HM HP PSX HB HTPLT HAS HAW HYD HYDSYS IMM IGNTR AI BI CI II
Hoist or winch, electric Hoist or winch, manual Hoist or winch, pneumatic/hyd Hood, fume see fume hood Hose Hose bib Hot Plate Hot water heater, potable (see Heater, hot water) Humidifier, air, steam Humidifier, air, water Hydrant Hydraulic system Ice maker machine Igniter Indicator, analyzer Indicator, conductivity Indicator, current Indicator, deviation	HM HP PSX HB HTPLT HAS HAW HYD HYDSYS IMM IGNTR AI BI CI II
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Lift station, sewage Lift, materials, electric Lift, materials, hydraulic Lift, materials, mobile Lift, materials, pneumatic Lift, materials, pneumatic Lift, personnel, electric Lift, personnel, gasoline Lift, personnel, pneumatic Lift, wheelchair, inclined Lift, wheelchair, vertical Lift, wheelchair, vertical Light, emergency Light, emergency Light, emergency/exit sign combo Light, exit sign, lit (non-tritium/not self-luminous) Light, exit sign, tritium or other self-luminous Light, pilot Light, pilot Light, street Light, ultraviolet (e.g., UV sterilization) Lighting fixture Lighting fixture Lighting Panel (see Panel, lighting) Lighting, incandescent Line, electric, transmission LET Load bank, resistance Load cell Loader or similar earth-mover Loader or similar earth-mover Loader or similar earth-mover Loader or similar earth-mover Logic control chassis Machine Machine, milling (see Milling machine) Main, force, sewage Manhole, electric Mahbole, steam MHS Manhole, waste water		
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Lift, materials, hydraulic Lift, materials, mobile Lift, materials, pneumatic Lift, personnel, electric Lift, personnel, gasoline Lift, personnel, hydraulic Lift, personnel, hydraulic Lift, personnel, pneumatic Lift, personnel, pneumatic Lift, personnel, pneumatic Lift, personnel, pneumatic Lift, personnel, preumatic Lift, wheelchair, inclined LWI Lift, wheelchair, vertical LWV Light, emergency LTE Light, emergency/exit sign combo LTCOMB Light, exit sign, lit (non-tritium/not self-luminous) LTNT Light, exit sign, tritium or other self-luminous LTET Light, pilot Light, pilot LIFT Light, street LSS Light, ultraviolet (e.g., UV sterilization) LUV Lighting fixture Lighting fixture Lighting Panel (see Panel, lighting) Lighting, incandescent LN Lighting Panel (see Panel, lighting) Lighting, incandescent LN Lighting protection LPT Limited volume circulation chilled water unit LVCCWU Line, electric, transmission LET Load bank, resistance RLB Load cell LDC Loader or similar earth-mover LDR Lock, metal former LOGC Machine MACH Machine, milling (see Milling machine) Main, force, sewage Manhole, electric MHE Manhole, steam MHS Manhole, waste water		
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Lift, materials, pneumatic Lift, personnel, electric Lift, personnel, gasoline Lift, personnel, pasoline Lift, personnel, hydraulic Lift, personnel, pneumatic Lift, personnel, pneumatic Lift, platform, electric Lift, wheelchair, inclined Lift, wheelchair, vertical Lift, wheelchair, vertical Lift, emergency Light, emergency Light, emergency/exit sign combo LTCOMB Light, exit sign, lit (non-tritium/not self-luminous) LTNT Light, exit sign, tritium or other self-luminous LTET Light, hand Light, pilot Light, pilot Light, street Light, ultraviolet (e.g., UV sterilization) Lighting fixture Lighting Panel (see Panel, lighting) Lighting, incandescent Lighting, incandescent Lighting protection LPT Limited volume circulation chilled water unit LVCCWU Line, electric, transmission LET Load bank, resistance RLB Load cell Loader or similar earth-mover Logic control chassis LCC Machine Machine, milling (see Milling machine) Main, force, sewage Manhole, electric MHE Manhole, waste water MWW		
Lift, personnel, electric Lift, personnel, gasoline Lift, personnel, hydraulic Lift, personnel, pneumatic Lift, personnel, pneumatic Lift, platform, electric Lift, wheelchair, inclined Lift, wheelchair, vertical Lift, wheelchair, vertical Light, emergency Light, emergency/exit sign combo Light, exit sign, lit (non-tritium/not self-luminous) Light, exit sign, tritium or other self-luminous Light, pilot Light, pilot Light, pilot Light, pilot Light, street Light, ultraviolet (e.g., UV sterilization) Lighting fixture Lighting Panel (see Panel, lighting) Lighting, incandescent Lightning protection Light line, electric, transmission LET Load bank, resistance Load cell Load cell Load cell Load cell Load cell Lock, metal former Logic control chassis Machine Machine Manhole, electric MHE Manhole, steam MHS Manhole, waste water		
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Lift, personnel, hydraulic Lift, personnel, pneumatic Lift, platform, electric Lift, wheelchair, inclined Lift, wheelchair, vertical Lift, wheelchair, vertical Lift, wheelchair, vertical Light, emergency Light, emergency/exit sign combo Light, exit sign, lit (non-tritium/not self-luminous) Light, exit sign, tritium or other self-luminous) Light, exit sign, tritium or other self-luminous Light, pilot Light, pilot Light, pilot Light, street Light, ultraviolet (e.g., UV sterilization) Lighting fixture Lighting Panel (see Panel, lighting) Lighting, incandescent Lightning protection Lightning protection Lightning protection Lightning protection Lett Load bank, resistance Load bank, resistance Load cell Loc Loader or similar earth-mover Lock, metal former Lock, metal former Lock, metal former Lock, metal former Logic control chassis MACH Machine, milling (see Milling machine) Main, force, sewage Manhole, electric MHE Manhole, steam MHS Manhole, waste water		LPG
Lift, personnel, pneumatic Lift, platform, electric Lift, wheelchair, inclined Lift, wheelchair, vertical Lift, wheelchair, vertical Light, emergency Light, emergency/exit sign combo Light, exit sign, lit (non-tritium/not self-luminous) Light, exit sign, tritium or other self-luminous) Light, exit sign, tritium or other self-luminous Light, pilot Light, pilot Light, pilot Light, street Light, ultraviolet (e.g., UV sterilization) Lighting fixture Lighting Panel (see Panel, lighting) Lighting, incandescent Lightning protection Lightning protection Light electric, transmission LET Load bank, resistance Load cell Load cell Load cell Lock, metal former Lock, metal former Logic control chassis Machine Machine, milling (see Milling machine) Main, force, sewage Manhole, electric MHE Manhole, steam MHS Manhole, waste water	Lift, personnel, hydraulic	
Lift, platform, electric Lift, wheelchair, inclined Lift, wheelchair, vertical Lift, wheelchair, vertical Light, emergency Light, emergency/exit sign combo Light, exit sign, lit (non-tritium/not self-luminous) Light, exit sign, tritium or other self-luminous Light, exit sign, tritium or other self-luminous LTET Light, exit sign, tritium or other self-luminous LTET Light, pilot Light, pilot Light, street LSS Light, ultraviolet (e.g., UV sterilization) LUV Lighting fixture Lighting Panel (see Panel, lighting) Lighting, incandescent LN Lightning protection LPT Limited volume circulation chilled water unit LVCCWU Line, electric, transmission LET Load bank, resistance RLB Load cell LDC Loader or similar earth-mover LDR Lock, metal former LOCK Machine Machine Machine, milling (see Milling machine) Main, force, sewage Manhole, electric MHE Manhole, steam MHS Manhole, waste water		LPP
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Light, exit sign, lit (non-tritium/not self-luminous) Light, exit sign, tritium or other self-luminuous LTET Light, hand HL Light, pilot Light, street LSS Light, ultraviolet (e.g., UV sterilization) Lighting fixture Lighting Panel (see Panel, lighting) Lighting, incandescent LN Lighting protection Lighting protection Limited volume circulation chilled water unit LVCCWU Line, electric, transmission LET Load bank, resistance Load cell Loader or similar earth-mover Loade nor similar earth-mover LOR Look, metal former LMF Logic control chassis LCC Machine Machine, milling (see Milling machine) Main, force, sewage Manhole, electric MHE Manhole, steam MHS Manhole, waste water	Light, emergency/exit sign combo	LTCOMB
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Lighting Panel (see Panel, lighting) Lighting, incandescent Lightning protection Lightning protection Lightning protection Lightning protection Lightning protection Left Limited volume circulation chilled water unit LVCCWU Line, electric, transmission Left Load bank, resistance RLB Load cell LDC Loader or similar earth-mover LDR Lock, metal former LMF Logic control chassis LCC Machine Machine, milling (see Milling machine) Main, force, sewage Manhole, electric MHE Manhole, steam MHS Manhole, waste water	Light, ultraviolet (e.g., UV sterilization)	LUV
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Lighting, incandescent Lightning protection Lightning protection Limited volume circulation chilled water unit Line, electric, transmission LET Load bank, resistance RLB Load cell LDC Loader or similar earth-mover LDR Lock, metal former LMF Logic control chassis LCC Machine Machine, milling (see Milling machine) Main, force, sewage Manhole, electric MHE Manhole, steam MHS Manhole, waste water	Lighting Panel (see Panel, lighting)	
Limited volume circulation chilled water unit Line, electric, transmission LET Load bank, resistance RLB Load cell LDC Loader or similar earth-mover LDR Lock, metal former LMF Logic control chassis LCC Machine Machine, milling (see Milling machine) Main, force, sewage Manhole, electric Manhole, steam MHS Manhole, waste water	Lighting, incandescent	
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Line, electric, transmission Lett Load bank, resistance RLB Load cell Loc Loader or similar earth-mover Lock, metal former Lock, metal former Logic control chassis Lcc Machine Machine, milling (see Milling machine) Main, force, sewage Manhole, electric Manhole, steam MHS Manhole, waste water		
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Loader or similar earth-mover Lock, metal former Logic control chassis LCC Machine Machine, milling (see Milling machine) Main, force, sewage Manhole, electric Manhole, steam MHS Manhole, waste water MWW		
Lock, metal former Logic control chassis LCC Machine Machine, milling (see Milling machine) Main, force, sewage Manhole, electric Manhole, steam MHS Manhole, waste water ME Manward ME MWW		LDC
Logic control chassis Machine Machine, milling (see Milling machine) Main, force, sewage Manhole, electric Manhole, steam Manhole, waste water LCC MACH MHE Manhole, sewage MHE MANHOLE MACH M	Loader or similar earth-mover	
Machine MACH Machine, milling (see Milling machine) Main, force, sewage SMF Manhole, electric MHE Manhole, steam MHS Manhole, waste water MWW	Lock, metal former	
Machine, milling (see Milling machine) Main, force, sewage Manhole, electric MHE Manhole, steam MHS Manhole, waste water MWW	Logic control chassis	LCC
Main, force, sewageSMFManhole, electricMHEManhole, steamMHSManhole, waste waterMWW	Machine	MACH
Manhole, electric MHE Manhole, steam MHS Manhole, waste water MWW	Machine, milling (see Milling machine)	
Manhole, steam MHS Manhole, waste water MWW	Main, force, sewage	
Manhole, steam MHS Manhole, waste water MWW		MHE
,	Manhole, steam	MHS
Manifold MANF		
	Manifold	MANF

Markings (pavement or otherwise)	MKGS
Mass Spectrometer or other	SPEC
Master Element	1
Mechanism, Position Changing	75
Message board, permanent	MBPERM
Message board, portable	MBPORT
Meter (generic)	MTR
Meter, gas, district	MGD
Meter, gas, revenue	MGR
Meter, humidity or temperature	MHT
Meter, megohm	MMO
Meter, multimeter, digital	MMD
Meter, pH	MPH
Meter, water	MW
Microphone	MIKE
Mill, numeric control	MNC
Milling machine	MM
Miscellaneous (consult Ch 1 POC before using) Mixer (e.g., PA)	MISC MIX
Mixer (e.g., PA) Mixer, chemical	MC
Modifier, analyzer	AM
Modifier, conductivity	CM@
Modifier, current	IM
Modifier, differential pressure	PDM
Modifier, differential temperature	TDM
Modifier, flow	FM
Modifier, flow, ratio	FFM
Modifier, flow, totalizer	FQM
Modifier, indicating, pressure	PIM
Modifier, level	LM
Modifier, moisture	MM@
Modifier, power	JM
Modifier, pressure	PM
Modifier, radiation	RM
Modifier, special	XM
Modifier, speed	SM
Modifier, temperature	TM
Modifier, vibration	VM@ EM
Modifier, voltage Modifier, weight or force	WM
Modifier, zone or position	ZM
Molecular sieve	MOLESV
Monitor	MON
Monitor, atmospheric condition	45
Monitor, continuous air	CAM
Monitor, continuous air- supervisor module (see CAM	J. 4111
supervisor module)	
Monitor, mechanical, condition	39
Motor	MO
Motor control center	MCC
Motor starter (see Starter, motor)	
Muffler	MUF
Multiplexer	MUX
Notification appliance, audio	NAA
Notification appliance, audio visual	NAAV
Notification appliance, visual	NAV
Nozzle	NZL
Open front hood (RLUOB red/zone 2 hoods only; TA-	OF
55 uses XB for similar) Operating Mechanism	84
Orifice plate, gas (RO prefered)	OPG
Orifice, restricting	RO
Office, restricting Outlet, non-telephone	OUT
Oven or electric furnace	OVEN
Pallet	PLL
Panel (TA-55 legacy; use specific where possible)	PL and
(oo logae), ass specific interespecially	. = 5.10

	DAII
Danel comore interface	PNL
Panel, camera interface	CIP CPL
Panel, control	CPL
Panel, control (TA55 only; others use CPL) Panel, control, fire alarm	FCP
Panel, control, halon	HCP
Panel, emergency power	EP
Panel, lighting (legacy; use PP now)	LP
Panel, power	PP
Panel, power, direct current	PPDC
Panel, remote access	RAP
Parking lot, paved	PKLOTP
Parking lot, unpaved	PKLOTU
Pavement (ashpalt, concrete), pad, or slab	PAVEMT
Penetration, floor or ceiling	FP
Penetration, Wall or roof	WP
Personnel contamination monitor	PCM
Phase shifting device	PSD
Photovoltaic panel	PVPANL
Pilot light (see Light, pilot)	
Pipe or piping	PIPE
Pipette	PPTT
Plate	PLT
Platform (fixed or moveable, but not lifting type)	PLATF
Plug (shield, cable, etc.)	PLUG
Pole, electrical distribution	PE
Power distribution unit	PDU
Power Panel (see Panel, power)	157
Power supply, electric	JX
Power unit, hydraulic Press, drill	HPU
Press, hydraulic	DP PH
Pressure regulating device (bubbler; use PRV for	PRD
valves)	FND
Pressure test rig (hydro/pneumo)	PTR
Primary element, analyzer	AE
Primary element, burner	BE
Primary element, conductivity	CE
Primary element, current	IE
Primary element, deviation	ZDE
Primary element, differential pressure	PDE
Primary element, flow	FE@
Primary element, flow, quantity	FQE
Primary element, force differential	WDE
Primary element, level	LE
Primary element, moisture	ME
Primary element, pH	PHE
Primary element, power	JE DE@
Primary element, pressure	PE@
Primary element, quantity	QE DE
Primary element, radiation (beta, beta/gamma, etc.) Primary element, seismic	RE SESE
Primary element, seismic Primary element, special	XE
Primary element, special	SE
Primary element, speed Primary element, temperature (e.g., T/C, TC, TCP,	TE
thermocouple, thermistor)	
Primary element, time	KE
Primary element, vibration	VE
Primary element, voltage	EE@
Primary element, wear	WRE
Primary element, weight or force	WE
Primary element, zone or position	ZE
Printer or plotter	PRNT
Pull Station, Fire Alarm (TA-55 only, others use pull	XHS
box pbx)	
Pump	Р

Pump, acid or chemical	PAC
Pump, boiler feed	PBF
Pump, chilled or cooling water	PCW
Pump, circulating	PCR
Pump, condensate	PC
Pump, cooling tower	PCT
Pump, deionized water	PDW
Pump, fire protection	PFP
Pump, fuel oil	PFO
Pump, glycol	PG
Pump, hot water	PHW
Pump, hot water, domestic (potable)	PDH
Pump, hydraulic	PHO
Pump, oil	PO
Pump, pressure, boosting	PPB
Pump, sampler air	PSA
Pump, sealant water	PSW
Pump, sewage, raw	PSR
Pump, sump	PS
Pump, tempered water	PTW
Pump, vacuum	PV
Pump, waste treatment	PWT
Pump, water spray	PWS
Rack	RACK
Radio frequency inductively heated device	RFIHD
Reactor	REAC
Reader	RDR
Reagent (or remote) transfer device	RTD
Recorder, analyzer	AR
Recorder, burner	BR
Recorder, conductivity	CR@
Recorder, current	IR
Recorder, deviation	ZDR
Recorder, differential pressure	PDR
Recorder, differential temperature	TDR
Recorder, flow	FR
Recorder, flow, ratio	FFR
Recorder, flow, totalized	FQR
Recorder, force differential	WDR
Recorder, indicating, analyzer	AIR
Recorder, level	LR
Recorder, moisture	MR
Recorder, multivariable	UR
Recorder, position	ZR
Recorder, power	JR
Recorder, power, totalizing (incl watt-hr mtr)	JQR
Recorder, presence or state	YR
Recorder, pressure	PR@
Recorder, quantity	QR
Recorder, radiation	RR
Recorder, seismic	SESR
Recorder, special	XR
Recorder, speed	SR
Recorder, temperature	TR
Recorder, time	KR
Recorder, vibration	VR
Recorder, voltage	ER
Recorder, weight or force	WR
Rectifier	RECT
Refrigeration unit, air (with compressor and	RUA
condensing coil; see also CRA, CRAC)	<u></u>
Regulating Device	90
Regulator, gas bottle	REG
Regulator, gas, district	DGRS
Regulator, natural gas	NGRS
Regulator, pressure, gas	RPG

Regulator, pressure, water	RPW
Regulator, voltage	RV
Relay or Relay Module (TA-55 only, others use	RLY
specific type)	
Relay, AC Directional Overcurrent	67
Relay, AC Reclosing	79
Relay, AC Time Overcurrent	51
Relay, Alarm	74 AY
Relay, analyzer Relay, Annunciator	30
Relay, Automatic Selective Control or Transfer	83
Relay, Blocking	68
Relay, burner	BY
Relay, Carrier/Pilot-Wire Receiver	85
Relay, Checking or Interlocking	3
Relay, current	IY
Relay, Current Balance	61
Relay, DC Overcurrent	76
Relay, DC Reclosing	82 7DV
Relay, deviation	ZDY PDY
Relay, differential pressure Relay, Differential Protective	87
Relay, differential temperature	TDY
Relay, Directional Power	32
Relay, Distance	21
Relay, Exciter or DC Generator	53
Relay, Field	40
Relay, Field Application	56
Relay, flow, quantity	FQY
Relay, flow, rate	FY
Relay, force differential	WDY
Relay, Frequency	81
Relay, Ground Detector (Not CT Secondary)	64
Relay, Incomplete Sequence Relay, Instantaneous Overcurrent (OC)	48 50
Relay, level	LY
Relay, Locking-Out	86
Relay, Machine or Transformer Thermal	49
Relay, multivariable	UY
Relay, Out-of-Step Protective Phase-Angle Measuring	78
Relay, Overvoltage	59
Relay, Phase Discordance Handling Unit	95
Relay, Phase-Balance Current or Reverse-Phase	46
Relay, Phase-Sequence Voltage	47
Relay, position Relay, power	JY
Relay, Power Factor	55
Relay, presence or state	YY
Relay, pressure	PY
Relay, protective	PR
Relay, quantity	QY
Relay, radiation	RY
Relay, Rectifier Failure	58
Relay, speed	SY
Relay, Static Breaker Failure	24
Relay, temperature	TY KY
Relay, time	2
Relay, Time-Delay Starting or Closing Relay, Time-Delay Starting or Closing	62
Relay, Tripping	94
Relay, Undercurrent or Underpower	37
Relay, Undervoltage	27
Relay, Unit Sequence Starting	44
Relay, vibration analysis	VY
Relay, voltage	EY
Relay, Voltage and Power Directional	92

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Shear, metal cutting Shelves or shelf Shelves or shelf Shielding, radioactive or other (also see Plug) Shower enclosure (general use) Shower, decontamination Shower, safety Shredder Shredder Sidewalk Sight glass, burner Sight glass, flow Sight glass, level Sign (traffic, reflectors, etc.) SHC SHLD SHLD SHR SHR SHR SDWLK Sight glass, burner BG Sight glass, level LG Sign (traffic, reflectors, etc.)
Shelves or shelf Shielding, radioactive or other (also see Plug) Shower enclosure (general use) Shower, decontamination Shower, safety Shredder Shredder Sidewalk Sight glass, burner Sight glass, flow Sight glass, level Sign (traffic, reflectors, etc.) SHLD SHR SHR SHB SHR
Shielding, radioactive or other (also see Plug) Shower enclosure (general use) Shower, decontamination Shower, safety Shredder Shredder Sidewalk Sight glass, burner Sight glass, flow Sight glass, level Sign (traffic, reflectors, etc.) SHLD SHR SHR SHB SHR
Shower enclosure (general use) SHR Shower, decontamination SHD Shower, safety SHS Shredder SHRDR Sidewalk SDWLK Sight glass, burner BG Sight glass, flow FG Sight glass, level LG Sign (traffic, reflectors, etc.) SIGN
Shower, decontamination SHD Shower, safety SHS Shredder SHRDR Sidewalk SDWLK Sight glass, burner BG Sight glass, flow FG Sight glass, level LG Sign (traffic, reflectors, etc.) SIGN
Shower, safety SHS Shredder SHRDR Sidewalk SDWLK Sight glass, burner BG Sight glass, flow FG Sight glass, level LG Sign (traffic, reflectors, etc.) SIGN
ShredderSHRDRSidewalkSDWLKSight glass, burnerBGSight glass, flowFGSight glass, levelLGSign (traffic, reflectors, etc.)SIGN
ShredderSHRDRSidewalkSDWLKSight glass, burnerBGSight glass, flowFGSight glass, levelLGSign (traffic, reflectors, etc.)SIGN
Sidewalk SDWLK Sight glass, burner BG Sight glass, flow FG Sight glass, level LG Sign (traffic, reflectors, etc.) SIGN
Sight glass, burner BG Sight glass, flow FG Sight glass, level LG Sign (traffic, reflectors, etc.) SIGN
Sight glass, flow FG Sight glass, level LG Sign (traffic, reflectors, etc.) SIGN
Sight glass, level LG Sign (traffic, reflectors, etc.) SIGN
Sight glass, level LG Sign (traffic, reflectors, etc.) SIGN
Sign (traffic, reflectors, etc.)
I SIUH, IQUAL SUCCU, DEHIMAHIEHI I KAPERI
Sign, radar speed, portable RSPOR
Signal, traffic TRSGNL
Sink SNK
Siren
Smoke detector (see Detector, smoke)
Soil (dirt cover) SOIL
Solution assay instrument SAI
Spacer SDCD
SpacerSPCRSpeakerSPK

Sprinkler (head)	SRNK
Sprinkler, anti-freeze	SPF
Sprinkler, deluge	SPDEL
Sprinkler, dry pipe	SPD
Sprinkler, dry/preaction combined	SPDA
Sprinkler, preaction	SPA
Sprinkler, wet pipe	SPW
Stack, exhaust	ES
Standpipe	SPH
Standpipe, dry (manual) Starter, motor	SPHD MSTR
Starter, pneumatic	PSTART
Static var compensator or control system	SVC
Station (except breathing air)	STA
Station, breathing air	BAS
Sterilizer, UV (see Light, UV)	
Strainer	SCR
Strike, door (e.g., electric; some legacy use of DS, but	STRIKE
use STRIKE)	
Substation (HV)	SUB
Substation, unit, secondary [integrated assy w/ fused	SUS
MV interrupter switch(es), power xfmr(s), swgear, breakers, and a LV swgear assy.]	
Substructure (e.g., bridge, slab, foundation)	SUBSTR
Superstructure (e.g., bridge)	SPRSTR
Support Mechanism (e.g., HVAC seismic restraint)	MCSUPP
Support or Stand (GB, etc.)	SPRT
Surge protective device (lightning suppressor or	SPDE
arrestor, all voltages)	
Switch, analyzer	AS
Switch, analyzer, high	ASH
Switch, analyzer, high or low	ASHL
Switch, analyzer, low	ASL
Switch, Automatic Transfer (see Switch, Transfer,	
Auto) Switch, burner, high	BSH
Switch, burner, high low	BSHL
Switch, burner, low	BSL
Switch, conductivity	CS@
Switch, current	IS
Switch, current, high	ISH
Switch, current, high or low	ISHL
Switch, current, low	ISL
Switch, deviation, high	ZDSH
Switch, deviation, low	ZDSL
Switch, enclosed (see Disconnect, circuit)	00
Switch, flow	80 FS@
Switch, flow	FSW FSW
Switch, flow (TA-55, not preferred) Switch, flow, high	FSH
Switch, flow, high or low	FSHL
Switch, flow, low	FSL
Switch, flow, quantity, high	FQSH
Switch, flow, quantity, low	FQSL
Switch, flow, ratio	FFS
Switch, flow, ratio, high	FFSH
Switch, flow, ratio, low	FFSL
Switch, flow, totalized	FQS
Switch, force differential, high	WDSH
Switch, force differential, low	WDSL
Switch, generic (use specific where possible)	SW
Switch, hand (single throw or push putton; for selectors use hand-off-auto HOA)	HS
Switch, hand off auto or selector	HOA
Switch, indicating, analyzer	AIS
Switch, indicating, conductivity	CIS
Switch, indicating, current	IIS

Switch, indicating, flow	FIS
Switch, indicating, hand	HIS
Switch, indicating, level	LIS
Switch, indicating, moisture	MIS
Switch, indicating, pressure	PIS
Switch, indicating, pressure differential	PDIS
Switch, indicating, pressure differential Switch, indicating, pressure differential, high	PDISH
Switch, indicating, pressure differential, low	PDISL
Switch, indicating, radiation	RIS
Switch, indicating, special	XIS
Switch, indicating, speed	SIS
Switch, indicating, temperature	TIS
Switch, indicating, time	KIS
Switch, indicating, totalizing, flow	FQIS
Switch, indicating, vibration	VIS
Switch, indicating, voltage	EIS
Switch, indicating, voltage Switch, indicating, weight or force	WIS
Switch, indicating, weight of force	
Switch, indicating, zone or position	ZIS
Switch, level	71
Switch, level	LS
Switch, level, high	LSH
Switch, level, high or low	LSHL
Switch, level, low	LSL
Switch, line	89
Switch, magnetic, balanced (e.g., door)	BMS
Switch, manual transfer (see Switch, transfer, man)	DIVIO
Switch, moisture	Me@
	MS@
Switch, pad mounted (MV, has 1 or more interrupter	SPM
switches)	
Switch, position (HV)	33
Switch, position (limit), closed (ZSO if open)	ZSC
Switch, position (limit, including tamper or supervisory	ZS
or supervised)	
Switch, position, high	ZSH
Switch, position, high or low	ZSHL
Switch, position, low	ZSL
Switch, power	JS
	00
I Switch nower high	ISH
Switch, power, high	JSH
Switch, power, high or low	JSHL
Switch, power, high or low Switch, power, low	JSHL JSL
Switch, power, high or low Switch, power, low Switch, presence or state, high	JSHL JSL YSH
Switch, power, high or low Switch, power, low Switch, presence or state, high Switch, presence or state, low	JSHL JSL YSH YSL
Switch, power, high or low Switch, power, low Switch, presence or state, high Switch, presence or state, low Switch, pressure	JSHL JSL YSH YSL PS@
Switch, power, high or low Switch, power, low Switch, presence or state, high Switch, presence or state, low Switch, pressure Switch, pressure (HV)	JSHL JSL YSH YSL PS@ 63
Switch, power, high or low Switch, power, low Switch, presence or state, high Switch, presence or state, low Switch, pressure	JSHL JSL YSH YSL PS@ 63 PDS
Switch, power, high or low Switch, power, low Switch, presence or state, high Switch, presence or state, low Switch, pressure Switch, pressure (HV) Switch, pressure differential	JSHL JSL YSH YSL PS@ 63
Switch, power, high or low Switch, power, low Switch, presence or state, high Switch, presence or state, low Switch, pressure Switch, pressure (HV) Switch, pressure differential Switch, pressure differential, high	JSHL JSL YSH YSL PS@ 63 PDS
Switch, power, high or low Switch, power, low Switch, presence or state, high Switch, presence or state, low Switch, pressure Switch, pressure (HV) Switch, pressure differential Switch, pressure differential, high Switch, pressure differential, low	JSHL JSL YSH YSL PS@ 63 PDS PDSH PDSL
Switch, power, high or low Switch, power, low Switch, presence or state, high Switch, presence or state, low Switch, pressure Switch, pressure (HV) Switch, pressure differential Switch, pressure differential, high Switch, pressure differential, low Switch, pressure, high	JSHL JSL YSH YSL PS@ 63 PDS PDSH PDSL PSH
Switch, power, high or low Switch, power, low Switch, presence or state, high Switch, presence or state, low Switch, pressure Switch, pressure (HV) Switch, pressure differential Switch, pressure differential, high Switch, pressure differential, low Switch, pressure, high Switch, pressure, high or low	JSHL JSL YSH YSL PS@ 63 PDS PDSH PDSL PSH PSHL
Switch, power, high or low Switch, power, low Switch, presence or state, high Switch, presence or state, low Switch, pressure Switch, pressure (HV) Switch, pressure differential Switch, pressure differential, high Switch, pressure differential, low Switch, pressure, high Switch, pressure, high or low Switch, pressure, low	JSHL JSL YSH YSL PS@ 63 PDS PDSH PDSL PSH PSHL PSL
Switch, power, high or low Switch, power, low Switch, presence or state, high Switch, presence or state, low Switch, pressure Switch, pressure (HV) Switch, pressure differential Switch, pressure differential, high Switch, pressure differential, low Switch, pressure, high Switch, pressure, high or low Switch, pressure, low Switch, quantity, high	JSHL JSL YSH YSL PS@ 63 PDS PDSH PDSL PSH PSHL PSL QSH
Switch, power, high or low Switch, power, low Switch, presence or state, high Switch, presence or state, low Switch, pressure Switch, pressure (HV) Switch, pressure differential Switch, pressure differential, high Switch, pressure differential, low Switch, pressure, high Switch, pressure, high or low Switch, pressure, low Switch, quantity, high Switch, quantity, high or low	JSHL JSL YSH YSL PS@ 63 PDS PDSH PDSL PSHL PSL QSH QSHL
Switch, power, high or low Switch, power, low Switch, presence or state, high Switch, presence or state, low Switch, pressure Switch, pressure (HV) Switch, pressure differential Switch, pressure differential, high Switch, pressure differential, low Switch, pressure, high Switch, pressure, high or low Switch, pressure, low Switch, quantity, high Switch, quantity, high or low Switch, quantity, low	JSHL JSL YSH YSL PS@ 63 PDS PDSH PDSL PSHL PSHL PSL QSH QSHL QSL
Switch, power, high or low Switch, power, low Switch, presence or state, high Switch, presence or state, low Switch, pressure Switch, pressure (HV) Switch, pressure differential Switch, pressure differential, high Switch, pressure differential, low Switch, pressure, high or low Switch, pressure, high or low Switch, quantity, high Switch, quantity, high or low Switch, quantity, low Switch, quantity, low Switch, radiation, high	JSHL JSL YSH YSL PS@ 63 PDS PDSH PDSL PSH PSHL PSL QSH QSHL QSL RSH
Switch, power, high or low Switch, power, low Switch, presence or state, high Switch, presence or state, low Switch, pressure Switch, pressure (HV) Switch, pressure differential Switch, pressure differential, high Switch, pressure differential, low Switch, pressure, high Switch, pressure, high or low Switch, pressure, low Switch, quantity, high Switch, quantity, high or low Switch, quantity, low	JSHL JSL YSH YSL PS@ 63 PDS PDSH PDSL PSHL PSHL PSL QSH QSHL QSL
Switch, power, high or low Switch, power, low Switch, presence or state, high Switch, presence or state, low Switch, pressure Switch, pressure (HV) Switch, pressure differential Switch, pressure differential, high Switch, pressure differential, low Switch, pressure, high or low Switch, pressure, high or low Switch, quantity, high Switch, quantity, high or low Switch, quantity, low Switch, quantity, low Switch, radiation, high	JSHL JSL YSH YSL PS@ 63 PDS PDSH PDSL PSH PSHL PSL QSH QSHL QSL RSH
Switch, power, high or low Switch, power, low Switch, presence or state, high Switch, presence or state, low Switch, pressure Switch, pressure (HV) Switch, pressure differential Switch, pressure differential, high Switch, pressure differential, low Switch, pressure, high Switch, pressure, high or low Switch, pressure, low Switch, quantity, high Switch, quantity, high or low Switch, quantity, low Switch, quantity, low Switch, radiation, high Switch, radiation, high or low Switch, radiation, low	JSHL JSL YSH YSL PS@ 63 PDS PDSH PDSL PSH PSHL PSL QSH QSHL QSL RSH RSHL
Switch, power, high or low Switch, power, low Switch, presence or state, high Switch, presence or state, low Switch, pressure Switch, pressure (HV) Switch, pressure differential Switch, pressure differential, high Switch, pressure differential, low Switch, pressure, high Switch, pressure, high or low Switch, pressure, low Switch, quantity, high or low Switch, quantity, high or low Switch, quantity, low Switch, radiation, high Switch, radiation, high Switch, radiation, low Switch, radiation, low Switch, radiation, low Switch, recording, temperature	JSHL JSL YSH YSL PS@ 63 PDS PDSH PDSL PSHL PSL QSH QSHL QSL RSH RSHL RSL
Switch, power, high or low Switch, power, low Switch, presence or state, high Switch, presence or state, low Switch, pressure Switch, pressure (HV) Switch, pressure differential Switch, pressure differential, high Switch, pressure differential, low Switch, pressure, high Switch, pressure, high or low Switch, pressure, low Switch, quantity, high Switch, quantity, high or low Switch, quantity, low Switch, radiation, high Switch, radiation, high Switch, radiation, low Switch, recording, temperature Switch, shunting or discharge	JSHL JSL YSH YSL PS@ 63 PDS PDSH PDSL PSHL PSL QSH QSHL QSL RSH RSHL RSL TRS@ 17
Switch, power, high or low Switch, power, low Switch, presence or state, high Switch, presence or state, low Switch, pressure Switch, pressure (HV) Switch, pressure differential Switch, pressure differential, high Switch, pressure differential, low Switch, pressure, high Switch, pressure, high or low Switch, pressure, low Switch, quantity, high or low Switch, quantity, high or low Switch, quantity, low Switch, radiation, high Switch, radiation, high Switch, radiation, low Switch, recording, temperature Switch, shunting or discharge Switch, speed	JSHL JSL YSH YSL PS@ 63 PDS PDSH PDSL PSHL PSHL QSH QSH QSHL QSL RSH RSHL RSL TRS@ 17 SS
Switch, power, high or low Switch, power, low Switch, presence or state, high Switch, presence or state, low Switch, pressure Switch, pressure (HV) Switch, pressure differential Switch, pressure differential, high Switch, pressure differential, low Switch, pressure, high Switch, pressure, high or low Switch, pressure, low Switch, quantity, high or low Switch, quantity, high or low Switch, quantity, low Switch, radiation, high Switch, radiation, high Switch, radiation, low Switch, recording, temperature Switch, shunting or discharge Switch, speed Switch, speed, high	JSHL JSL YSH YSL PS@ 63 PDS PDSH PDSL PSHL PSHL QSH QSHL QSL RSH RSHL RSL TRS@ 17 SS SSH
Switch, power, high or low Switch, power, low Switch, presence or state, high Switch, presence or state, low Switch, pressure Switch, pressure (HV) Switch, pressure differential Switch, pressure differential, high Switch, pressure differential, low Switch, pressure, high Switch, pressure, high or low Switch, pressure, low Switch, quantity, high or low Switch, quantity, high or low Switch, quantity, low Switch, radiation, high Switch, radiation, high Switch, radiation, low Switch, recording, temperature Switch, shunting or discharge Switch, speed Switch, speed, high Switch, speed, high or low	JSHL JSL YSH YSH YSL PS@ 63 PDS PDSH PDSL PSHL PSHL RSH QSH QSH QSH TRS@ 17 SS SSH SSHL
Switch, power, high or low Switch, power, low Switch, presence or state, high Switch, presence or state, low Switch, pressure Switch, pressure Switch, pressure (HV) Switch, pressure differential Switch, pressure differential, high Switch, pressure differential, low Switch, pressure, high Switch, pressure, high or low Switch, pressure, low Switch, quantity, high Switch, quantity, high or low Switch, quantity, low Switch, radiation, high Switch, radiation, high or low Switch, recording, temperature Switch, shunting or discharge Switch, speed Switch, speed, high Switch, speed, low	JSHL JSL YSH YSH YSL PS@ 63 PDS PDSH PDSL PSHL PSHL RSH QSH QSH QSH TRS@ 17 SS SSH SSHL SSL
Switch, power, high or low Switch, power, low Switch, presence or state, high Switch, presence or state, low Switch, pressure Switch, pressure Switch, pressure (HV) Switch, pressure differential Switch, pressure differential, high Switch, pressure differential, low Switch, pressure, high Switch, pressure, high or low Switch, pressure, low Switch, quantity, high Switch, quantity, high or low Switch, quantity, low Switch, radiation, high Switch, radiation, high Switch, radiation, low Switch, recording, temperature Switch, speed Switch, speed Switch, speed, high Switch, speed, low Switch, tamper (TA-55 only, others use switch, pos ZS)	JSHL JSL YSH YSH YSL PS@ 63 PDS PDSH PDSL PSHL PSL QSH QSHL QSL RSH RSHL RSL TRS@ 17 SS SSH SSHL SSL XZS
Switch, power, high or low Switch, power, low Switch, presence or state, high Switch, presence or state, low Switch, pressure Switch, pressure Switch, pressure (HV) Switch, pressure differential Switch, pressure differential, high Switch, pressure differential, low Switch, pressure, high Switch, pressure, high or low Switch, pressure, low Switch, quantity, high or low Switch, quantity, high or low Switch, radiation, high Switch, radiation, high Switch, radiation, low Switch, recording, temperature Switch, shunting or discharge Switch, speed Switch, speed, high Switch, speed, low Switch, speed, low Switch, speed, low Switch, tamper (TA-55 only, others use switch, pos	JSHL JSL YSH YSH YSL PS@ 63 PDS PDSH PDSL PSHL PSHL RSH QSH QSH QSH TRS@ 17 SS SSH SSHL SSL

Switch, temperature differential, high	TDSH
Switch, temperature differential, low	TDSL
Switch, temperature, high	TSH
Switch, temperature, high or low	TSHL
Switch, temperature, low	TSL
Switch, time, high	KSH
Switch, time, high or low	KSHL
Switch, time, low	KSL
Switch, timer	KS
Switch, transfer, automatic	ATS
Switch, transfer, manual	MTS
Switch, transformer	ST
Switch, transmitting, indicating, analyzer	AITS
Switch, Unit Sequence	10
Switch, vacuum	SV
Switch, vibration	VS
Switch, vibration, high	VSH
Switch, vibration, high or low	VSHL
Switch, vibration, low	VSL
Switch, voltage, high	ESH
Switch, voltage, high or low	ESHL
Switch, voltage, low	ESL
Switch, weight or force, high	WSH
Switch, weight or force, high or low	WSHL
Switch, weight or force, low	WSL
Switchboard (NEMA)	SWBD
Switchgear (ANSI) with either breakers or fused	SWGR
interrupter switches	OVVOIX
Synchronizing or Synchronism-Check Drive	25
Synchroscope	SYN
System (for single CMMS entry for entire	SYS
OPsystem or System)	313
	TRI
Table	TBL TK
Table Tank	TK
Table Tank Tank, acid or chemical	TK TAC
Table Tank Tank, acid or chemical Tank, chemical injection	TK TAC TCI
Table Tank Tank, acid or chemical Tank, chemical injection Tank, compressed air	TK TAC TCI TCA
Table Tank Tank, acid or chemical Tank, chemical injection Tank, compressed air Tank, condensate, flash	TK TAC TCI TCA TCF
Table Tank Tank, acid or chemical Tank, chemical injection Tank, compressed air Tank, condensate, flash Tank, condensate, steam	TK TAC TCI TCA TCF TCS
Table Tank Tank, acid or chemical Tank, chemical injection Tank, compressed air Tank, condensate, flash Tank, condensate, steam Tank, condensate, water	TK TAC TCI TCA TCF TCS TCW
Table Tank Tank, acid or chemical Tank, chemical injection Tank, compressed air Tank, condensate, flash Tank, condensate, steam Tank, condensate, water Tank, expansion	TK TAC TCI TCA TCF TCS TCW TX
Table Tank Tank, acid or chemical Tank, chemical injection Tank, compressed air Tank, condensate, flash Tank, condensate, steam Tank, condensate, water Tank, expansion Tank, glycol	TK TAC TCI TCA TCF TCS TCW TX TG
Table Tank Tank, acid or chemical Tank, chemical injection Tank, compressed air Tank, condensate, flash Tank, condensate, steam Tank, condensate, water Tank, expansion Tank, glycol Tank, hydraulic pressure	TK TAC TCI TCA TCF TCS TCW TX TG THP
Table Tank Tank, acid or chemical Tank, chemical injection Tank, compressed air Tank, condensate, flash Tank, condensate, steam Tank, condensate, water Tank, expansion Tank, glycol Tank, hydraulic pressure Tank, oil	TK TAC TCI TCA TCF TCS TCW TX TG THP
Table Tank Tank, acid or chemical Tank, chemical injection Tank, compressed air Tank, condensate, flash Tank, condensate, steam Tank, condensate, water Tank, expansion Tank, glycol Tank, hydraulic pressure Tank, oil Tank, potable water, storage	TK TAC TCI TCA TCF TCS TCW TX TG THP TO TPWS
Table Tank Tank, acid or chemical Tank, chemical injection Tank, compressed air Tank, condensate, flash Tank, condensate, steam Tank, condensate, water Tank, expansion Tank, expansion Tank, glycol Tank, hydraulic pressure Tank, oil Tank, potable water, storage Tank, refrigerant	TK TAC TCI TCA TCF TCS TCW TX TG THP TO TPWS TRC
Table Tank Tank, acid or chemical Tank, chemical injection Tank, compressed air Tank, condensate, flash Tank, condensate, steam Tank, condensate, water Tank, expansion Tank, glycol Tank, hydraulic pressure Tank, oil Tank, potable water, storage Tank, refrigerant Tank, retention or storage	TK TAC TCI TCA TCF TCS TCW TX TG THP TO TPWS TRC TRS
Table Tank Tank, acid or chemical Tank, chemical injection Tank, compressed air Tank, condensate, flash Tank, condensate, steam Tank, condensate, water Tank, expansion Tank, glycol Tank, hydraulic pressure Tank, oil Tank, potable water, storage Tank, refrigerant Tank, retention or storage Tank, separator, air	TK TAC TCI TCA TCF TCS TCW TX TG THP TO TPWS TRC TRS TSA
Table Tank Tank, acid or chemical Tank, chemical injection Tank, compressed air Tank, condensate, flash Tank, condensate, steam Tank, condensate, water Tank, expansion Tank, expansion Tank, dycol Tank, hydraulic pressure Tank, oil Tank, potable water, storage Tank, refrigerant Tank, retention or storage Tank, separator, air Tank, vacuum	TK TAC TCI TCA TCF TCS TCW TX TG THP TO TPWS TRC TRS TSA TV
Table Tank Tank, acid or chemical Tank, chemical injection Tank, compressed air Tank, condensate, flash Tank, condensate, steam Tank, condensate, water Tank, expansion Tank, expansion Tank, glycol Tank, hydraulic pressure Tank, oil Tank, potable water, storage Tank, refrigerant Tank, retention or storage Tank, separator, air Tank, vacuum Tank, waste treatment	TK TAC TCI TCA TCF TCS TCW TX TG THP TO TPWS TRC TRS TSA TV TWT
Table Tank Tank, acid or chemical Tank, chemical injection Tank, compressed air Tank, condensate, flash Tank, condensate, steam Tank, condensate, water Tank, expansion Tank, glycol Tank, hydraulic pressure Tank, oil Tank, potable water, storage Tank, refrigerant Tank, refrigerant Tank, retention or storage Tank, separator, air Tank, vacuum Tank, waste treatment Tank, waster, chilled or cooling	TK TAC TCI TCA TCF TCS TCW TX TG THP TO TPWS TRC TRS TSA TV TWT TWC
Table Tank Tank, acid or chemical Tank, chemical injection Tank, compressed air Tank, condensate, flash Tank, condensate, steam Tank, condensate, water Tank, expansion Tank, glycol Tank, hydraulic pressure Tank, oil Tank, potable water, storage Tank, refrigerant Tank, refrigerant Tank, retention or storage Tank, separator, air Tank, vacuum Tank, waste treatment Tank, water, chilled or cooling Tank, water, deionized or demineralized	TK TAC TCI TCA TCF TCS TCW TX TG THP TO TPWS TRC TRS TSA TV TWT TWC TWD
Table Tank Tank, acid or chemical Tank, chemical injection Tank, compressed air Tank, condensate, flash Tank, condensate, steam Tank, condensate, water Tank, expansion Tank, glycol Tank, hydraulic pressure Tank, oil Tank, potable water, storage Tank, refrigerant Tank, retention or storage Tank, separator, air Tank, water, chilled or cooling Tank, water, chilled or demineralized Tank, water, hot	TK TAC TCI TCA TCF TCS TCW TX TG THP TO TPWS TRC TRS TSA TV TWT TWC TWD
Table Tank Tank, acid or chemical Tank, chemical injection Tank, compressed air Tank, condensate, flash Tank, condensate, steam Tank, condensate, water Tank, expansion Tank, glycol Tank, hydraulic pressure Tank, oil Tank, potable water, storage Tank, refrigerant Tank, retention or storage Tank, separator, air Tank, vacuum Tank, waste treatment Tank, water, chilled or cooling Tank, water, hot Tank, water, sealant	TK TAC TCI TCA TCF TCS TCW TX TG THP TO TPWS TRC TRS TSA TV TWT TWC TWD TWH TWS
Table Tank Tank, acid or chemical Tank, chemical injection Tank, compressed air Tank, condensate, flash Tank, condensate, steam Tank, condensate, water Tank, expansion Tank, glycol Tank, hydraulic pressure Tank, oil Tank, potable water, storage Tank, refrigerant Tank, retention or storage Tank, separator, air Tank, vacuum Tank, waste treatment Tank, water, chilled or cooling Tank, water, deionized or demineralized Tank, water, hot Tank, water, sealant Telecom or data jack, or phone itself	TK TAC TCI TCA TCF TCS TCW TX TG THP TO TPWS TRC TRS TSA TV TWT TWC TWD TWH TWS TEL
Table Tank Tank, acid or chemical Tank, chemical injection Tank, compressed air Tank, condensate, flash Tank, condensate, steam Tank, condensate, water Tank, expansion Tank, glycol Tank, hydraulic pressure Tank, oil Tank, potable water, storage Tank, refrigerant Tank, retention or storage Tank, separator, air Tank, wacuum Tank, waste treatment Tank, water, chilled or cooling Tank, water, deionized or demineralized Tank, water, hot Tank, water, sealant Telecom or data jack, or phone itself Television	TK TAC TCI TCA TCF TCS TCW TX TG THP TO TPWS TRC TRS TSA TV TWT TWC TWD TWH TWS TEL TELE
Table Tank Tank, acid or chemical Tank, chemical injection Tank, compressed air Tank, condensate, flash Tank, condensate, steam Tank, condensate, water Tank, expansion Tank, glycol Tank, hydraulic pressure Tank, oil Tank, potable water, storage Tank, refrigerant Tank, retention or storage Tank, separator, air Tank, wacuum Tank, waste treatment Tank, water, chilled or cooling Tank, water, deionized or demineralized Tank, water, hot Tank, water, sealant Telecom or data jack, or phone itself Television Terminal or screen, cathode ray tube or solid state	TK TAC TCI TCA TCF TCS TCW TX TG THP TO TPWS TRC TRS TSA TV TWT TWC TWD TWH TWS TEL TELE CRT
Table Tank Tank, acid or chemical Tank, chemical injection Tank, compressed air Tank, condensate, flash Tank, condensate, steam Tank, condensate, water Tank, expansion Tank, glycol Tank, plycol Tank, hydraulic pressure Tank, oil Tank, potable water, storage Tank, refrigerant Tank, retention or storage Tank, separator, air Tank, wacuum Tank, waste treatment Tank, water, chilled or cooling Tank, water, deionized or demineralized Tank, water, hot Tank, water, sealant Telecom or data jack, or phone itself Television Terminal or screen, cathode ray tube or solid state Test point or port, analyzer	TK TAC TCI TCA TCF TCS TCW TX TG THP TO TPWS TRC TRS TSA TV TWT TWC TWD TWH TWS TEL TELE CRT
Table Tank Tank, acid or chemical Tank, chemical injection Tank, compressed air Tank, condensate, flash Tank, condensate, steam Tank, condensate, water Tank, expansion Tank, glycol Tank, hydraulic pressure Tank, oil Tank, potable water, storage Tank, refrigerant Tank, retention or storage Tank, separator, air Tank, wacuum Tank, waste treatment Tank, water, chilled or cooling Tank, water, deionized or demineralized Tank, water, sealant Telecom or data jack, or phone itself Television Terminal or screen, cathode ray tube or solid state Test point or port, analyzer Test point or port, burner	TK TAC TCI TCA TCF TCS TCW TX TG THP TO TPWS TRC TRS TSA TV TWT TWC TWD TWH TWS TEL TELE CRT AP BP
Table Tank Tank, acid or chemical Tank, chemical injection Tank, compressed air Tank, condensate, flash Tank, condensate, steam Tank, condensate, water Tank, condensate, water Tank, expansion Tank, glycol Tank, hydraulic pressure Tank, oil Tank, potable water, storage Tank, refrigerant Tank, retention or storage Tank, retention or storage Tank, wacuum Tank, waste treatment Tank, water, chilled or cooling Tank, water, deionized or demineralized Tank, water, hot Tank, water, sealant Telecom or data jack, or phone itself Television Terminal or screen, cathode ray tube or solid state Test point or port, analyzer Test point or port, flow	TK TAC TCI TCA TCF TCS TCW TX TG THP TO TPWS TRC TRS TSA TV TWT TWT TWC TWD TWH TWS TEL TELE CRT AP BP FP@
Table Tank Tank, acid or chemical Tank, chemical injection Tank, compressed air Tank, condensate, flash Tank, condensate, steam Tank, condensate, steam Tank, condensate, water Tank, expansion Tank, glycol Tank, hydraulic pressure Tank, oil Tank, potable water, storage Tank, refrigerant Tank, retention or storage Tank, retention or storage Tank, wacuum Tank, waste treatment Tank, water, chilled or cooling Tank, water, deionized or demineralized Tank, water, hot Tank, water, sealant Telecom or data jack, or phone itself Television Terminal or screen, cathode ray tube or solid state Test point or port, analyzer Test point or port, flow Test point or port, pressure	TK TAC TCI TCA TCF TCS TCW TX TG THP TO TPWS TRC TRS TSA TV TWT TWC TWD TWD TWH TWS TEL TELE CRT AP BP FP@ PP@
Table Tank Tank, acid or chemical Tank, chemical injection Tank, compressed air Tank, condensate, flash Tank, condensate, steam Tank, condensate, steam Tank, condensate, water Tank, expansion Tank, glycol Tank, hydraulic pressure Tank, oil Tank, potable water, storage Tank, refrigerant Tank, retention or storage Tank, separator, air Tank, wacuum Tank, waste treatment Tank, water, chilled or cooling Tank, water, deionized or demineralized Tank, water, hot Tank, water, sealant Telecom or data jack, or phone itself Television Terminal or screen, cathode ray tube or solid state Test point or port, analyzer Test point or port, pressure Test point or port, pressure Test point or port, temperature	TK TAC TCI TCA TCF TCS TCW TX TG THP TO TPWS TRC TRS TSA TV TWT TWC TWD TWH TWS TEL TELE CRT AP BP FP@ PP@ TP
Table Tank Tank, acid or chemical Tank, chemical injection Tank, compressed air Tank, condensate, flash Tank, condensate, steam Tank, condensate, water Tank, condensate, water Tank, expansion Tank, glycol Tank, hydraulic pressure Tank, oil Tank, potable water, storage Tank, refrigerant Tank, retention or storage Tank, separator, air Tank, wacuum Tank, waste treatment Tank, water, chilled or cooling Tank, water, deionized or demineralized Tank, water, hot Tank, water, sealant Telecom or data jack, or phone itself Television Terminal or screen, cathode ray tube or solid state Test point or port, analyzer Test point or port, pressure Test point or port, pressure Test point or port, temperature Test set, relay, overload, and or circuit breaker	TK TAC TCI TCA TCF TCS TCW TX TG THP TO TPWS TRC TRS TSA TV TWT TWC TWD TWH TWS TEL TELE CRT AP BP FP@ PP@ TP CBT
Table Tank Tank, acid or chemical Tank, chemical injection Tank, compressed air Tank, condensate, flash Tank, condensate, steam Tank, condensate, steam Tank, condensate, water Tank, expansion Tank, glycol Tank, hydraulic pressure Tank, oil Tank, potable water, storage Tank, refrigerant Tank, retention or storage Tank, separator, air Tank, wacuum Tank, waste treatment Tank, water, chilled or cooling Tank, water, deionized or demineralized Tank, water, hot Tank, water, sealant Telecom or data jack, or phone itself Television Terminal or screen, cathode ray tube or solid state Test point or port, analyzer Test point or port, flow Test point or port, flow Test set, relay, overload, and or circuit breaker Tester, balance	TK TAC TCI TCA TCF TCS TCW TX TG THP TO TPWS TRC TRS TSA TV TWT TWC TWD TWH TWS TEL TELE CRT AP BP FP@ PP@ TP
Table Tank Tank, acid or chemical Tank, chemical injection Tank, compressed air Tank, condensate, flash Tank, condensate, steam Tank, condensate, steam Tank, condensate, water Tank, expansion Tank, glycol Tank, hydraulic pressure Tank, oil Tank, potable water, storage Tank, refrigerant Tank, retention or storage Tank, separator, air Tank, wacuum Tank, waste treatment Tank, water, chilled or cooling Tank, water, deionized or demineralized Tank, water, sealant Telecom or data jack, or phone itself Television Terminal or screen, cathode ray tube or solid state Test point or port, analyzer Test point or port, pressure Test point or port, pressure Test point or port, temperature Test set, relay, overload, and or circuit breaker	TK TAC TCI TCA TCF TCS TCW TX TG THP TO TPWS TRC TRS TSA TV TWT TWC TWD TWH TWS TEL TELE CRT AP BP FP@ PP@ TP CBT

Thermal neutron counter	TNC
Thermocouple (see Primary element, temperature)	-
Thermostat	TH
Toilet	TOILET
Tool or tooling	TOOL
Totalizer, current	IQ
Totalizer, flow	FQ
Totalizer, power, watt-hour	JWHQ
Totalizer, time	KQ EQ
Totalizer, voltage Tower, cooling	TC
Tower, electric, PNM LA	TLA
Tower, electric, PNM MP	TMP
Tower, electric, PNM NL	TNL
Tower, electric, PNM TE	TTE
Tractor	TRCTR
Traffic calming (hump, bump, table)	TRCALM
Trail	TRAIL
Trailer (if office, use BLDG)	TRLR
Transformer (LV, 480 or less)	XFMR
Transformer, distribution (MV)	XFRD
Transformer, power (HV)	XFRP
Transformer, rectifier	XFRR
Transmitter, analyzer	AT
Transmitter, burner	BT
Transmitter, conductivity Transmitter, current	CT
Transmitter, current Transmitter, deviation	IT ZDT
Transmitter, deviation Transmitter, differential pressure	PDT
Transmitter, differential temperature	TDT
Transmitter, flow	FT
Transmitter, flow, ratio	FFT
Transmitter, flow, totalizer	FQT
Transmitter, force differential	WDT
Transmitter, indicating, analyzer	AIT
Transmitter, indicating, burner	BIT
Transmitter, indicating, conductivity	CIT
Transmitter, indicating, current	IIT
Transmitter, indicating, deviation	ZDIT
Transmitter, indicating, differential pressure	PDIT
Transmitter, indicating, differential temperature	TDIT
Transmitter, indicating, flow	FIT FQIT
Transmitter, indicating, flow, quantity Transmitter, indicating, force differential	WDIT
Transmitter, indicating, force differential Transmitter, indicating, level	LIT
Transmitter, indicating, level Transmitter, indicating, moisture	MIT
Transmitter, indicating, mosture Transmitter, indicating, position	ZIT
Transmitter, indicating, position	JIT
Transmitter, indicating, pressure	PIT
Transmitter, indicating, quantity	QIT
Transmitter, indicating, radiation	RIT
Transmitter, indicating, special	XIT
Transmitter, indicating, speed	SIT
Transmitter, indicating, temperature	TIT
Transmitter, indicating, time	KIT
Transmitter, indicating, vibration	VIT
Transmitter, indicating, voltage	EIT
Transmitter, indicating, weight or force	WIT
Transmitter, level	LT
Transmitter, moisture	MT
Transmitter, power	JT NA/LIT
Transmitter, power, watt-hour Transmitter, presence or state	JWHT YT
Transmitter, presence of state Transmitter, pressure	PT
Transmitter, Pulse	77
Transmitter, quantity	QT
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Transmitter, radiation	RT
Transmitter, recording, analyzer	ART
Transmitter, recording, burner	BRT
Transmitter, recording, current	IRT
Transmitter, recording, deviation	ZDRT
Transmitter, recording, differential pressure	PDRT
Transmitter, recording, differential temperature	TDRT
Transmitter, recording, flow	FRT
Transmitter, recording, force differential	WDRT
Transmitter, recording, level	LRT
Transmitter, recording, position	ZRT
Transmitter, recording, power	JRT
Transmitter, recording, pressure	PRT
Transmitter, recording, quantity	QRT
Transmitter, recording, radiation	RRT
Transmitter, recording, speed	SRT
Transmitter, recording, temperature	TRT
Transmitter, recording, time	KRT
Transmitter, recording, vibration analysis	VRT
Transmitter, recording, voltage	ERT
Transmitter, recording, weight or force	WRT
Transmitter, special	XT
Transmitter, speed	ST@
Transmitter, temperature	TT
Transmitter, time	KT
Transmitter, time, totalized	KQT
Transmitter, vibration	VT
Transmitter, voltage	ET
Transmitter, weight or force	WT
Transmitter, zone or position	ZT
Trap	TRP
Trap primer	TRPPMR
	GT
Trap, grease	GT TS
Trap, grease Trap, steam	TS
Trap, grease Trap, steam Trolley	TS TRLY
Trap, grease Trap, steam Trolley Trolley Tunnel	TS TRLY TRLYT
Trap, grease Trap, steam Trolley Trolley Tunnel Truck (pickup, flatbed, semi etc.)	TS TRLY TRLYT TRUCK
Trap, grease Trap, steam Trolley Trolley Tunnel Truck (pickup, flatbed, semi etc.) Trunked radio	TS TRLY TRLYT TRUCK TRNKED
Trap, grease Trap, steam Trolley Trolley Tunnel Truck (pickup, flatbed, semi etc.) Trunked radio Tube trailer station	TS TRLY TRLYT TRUCK TRNKED TBTRLS
Trap, grease Trap, steam Trolley Trolley Tunnel Truck (pickup, flatbed, semi etc.) Trunked radio Tube trailer station Tunnel	TS TRLY TRLYT TRUCK TRNKED TBTRLS TUNNEL
Trap, grease Trap, steam Trolley Trolley Tunnel Truck (pickup, flatbed, semi etc.) Trunked radio Tube trailer station Tunnel Turbine (including gas-driven power turbines)	TS TRLY TRLYT TRUCK TRNKED TBTRLS TUNNEL TURB
Trap, grease Trap, steam Trolley Trolley Tunnel Truck (pickup, flatbed, semi etc.) Trunked radio Tube trailer station Tunnel Turbine (including gas-driven power turbines) Turbine, steam driven	TS TRLY TRLYT TRUCK TRNKED TBTRLS TUNNEL TURB TSD
Trap, grease Trap, steam Trolley Trolley Tunnel Truck (pickup, flatbed, semi etc.) Trunked radio Tube trailer station Tunnel Turbine (including gas-driven power turbines) Turbine, steam driven Turntable	TS TRLY TRLYT TRUCK TRNKED TBTRLS TUNNEL TURB TSD TTT
Trap, grease Trap, steam Trolley Trolley Tunnel Truck (pickup, flatbed, semi etc.) Trunked radio Tube trailer station Tunnel Turbine (including gas-driven power turbines) Turbine, steam driven Turntable Ultrasonic cleaner or bath	TS TRLY TRLYT TRUCK TRNKED TBTRLS TUNNEL TURB TSD TTT USC
Trap, grease Trap, steam Trolley Trolley Tunnel Truck (pickup, flatbed, semi etc.) Trunked radio Tube trailer station Tunnel Turbine (including gas-driven power turbines) Turbine, steam driven Turntable Ultrasonic cleaner or bath Uninterruptible power supply	TS TRLY TRLYT TRUCK TRNKED TBTRLS TUNNEL TURB TSD TTT USC UPS
Trap, grease Trap, steam Trolley Trolley Tunnel Truck (pickup, flatbed, semi etc.) Trunked radio Tube trailer station Tunnel Turbine (including gas-driven power turbines) Turbine, steam driven Turntable Ultrasonic cleaner or bath Uninterruptible power supply Valve	TS TRLY TRLYT TRUCK TRNKED TBTRLS TUNNEL TURB TSD TTT USC UPS V
Trap, grease Trap, steam Trolley Trolley Tunnel Truck (pickup, flatbed, semi etc.) Trunked radio Tube trailer station Tunnel Turbine (including gas-driven power turbines) Turbine, steam driven Turntable Ultrasonic cleaner or bath Uninterruptible power supply Valve Valve, air operated (TA-55 only, others use Valve,	TS TRLY TRLYT TRUCK TRNKED TBTRLS TUNNEL TURB TSD TTT USC UPS
Trap, grease Trap, steam Trolley Trolley Tunnel Truck (pickup, flatbed, semi etc.) Trunked radio Tube trailer station Tunnel Turbine (including gas-driven power turbines) Turbine, steam driven Turntable Ultrasonic cleaner or bath Uninterruptible power supply Valve Valve, air operated (TA-55 only, others use Valve, solenoid - SOV	TS TRLY TRLYT TRUCK TRNKED TBTRLS TUNNEL TURB TSD TTT USC UPS V AOV
Trap, grease Trap, steam Trolley Trolley Tunnel Truck (pickup, flatbed, semi etc.) Trunked radio Tube trailer station Tunnel Turbine (including gas-driven power turbines) Turbine, steam driven Turntable Ultrasonic cleaner or bath Uninterruptible power supply Valve Valve, air operated (TA-55 only, others use Valve, solenoid - SOV Valve, air relief (UI water distribution systems)	TS TRLY TRLYT TRUCK TRNKED TBTRLS TUNNEL TURB TSD TTTT USC UPS V AOV
Trap, grease Trap, steam Trolley Trolley Tunnel Truck (pickup, flatbed, semi etc.) Trunked radio Tube trailer station Tunnel Turbine (including gas-driven power turbines) Turbine, steam driven Turntable Ultrasonic cleaner or bath Uninterruptible power supply Valve Valve, air operated (TA-55 only, others use Valve, solenoid - SOV Valve, air relief (UI water distribution systems) Valve, Air Vent	TS TRLY TRLYT TRUCK TRNKED TBTRLS TUNNEL TURB TSD TTTT USC UPS V AOV ARV XVV
Trap, grease Trap, steam Trolley Trolley Tunnel Truck (pickup, flatbed, semi etc.) Trunked radio Tube trailer station Tunnel Turbine (including gas-driven power turbines) Turbine, steam driven Turntable Ultrasonic cleaner or bath Uninterruptible power supply Valve Valve, air operated (TA-55 only, others use Valve, solenoid - SOV Valve, air relief (UI water distribution systems) Valve, Alarm Check	TS TRLY TRLYT TRUCK TRNKED TBTRLS TUNNEL TURB TSD TTT USC UPS V AOV ARV XVV XVAC
Trap, grease Trap, steam Trolley Trolley Tunnel Truck (pickup, flatbed, semi etc.) Trunked radio Tube trailer station Tunnel Turbine (including gas-driven power turbines) Turbine, steam driven Turntable Ultrasonic cleaner or bath Uninterruptible power supply Valve Valve, air operated (TA-55 only, others use Valve, solenoid - SOV Valve, air relief (UI water distribution systems) Valve, Alarm Check Valve, ball, air-operated	TS TRLY TRLYT TRUCK TRNKED TBTRLS TUNNEL TURB TSD TTT USC UPS V AOV ARV XVV XVAC AOBV
Trap, grease Trap, steam Trolley Trolley Tunnel Truck (pickup, flatbed, semi etc.) Trunked radio Tube trailer station Tunnel Turbine (including gas-driven power turbines) Turbine, steam driven Turntable Ultrasonic cleaner or bath Uninterruptible power supply Valve Valve, air operated (TA-55 only, others use Valve, solenoid - SOV Valve, air relief (UI water distribution systems) Valve, Alarm Check Valve, ball, air-operated Valve, ball, trunion	TS TRLY TRLYT TRUCK TRNKED TBTRLS TUNNEL TURB TSD TTT USC UPS V AOV ARV XVV XVAC AOBV BVT
Trap, grease Trap, steam Trolley Trolley Tunnel Truck (pickup, flatbed, semi etc.) Trunked radio Tube trailer station Tunnel Turbine (including gas-driven power turbines) Turbine, steam driven Turntable Ultrasonic cleaner or bath Uninterruptible power supply Valve Valve, air operated (TA-55 only, others use Valve, solenoid - SOV Valve, air relief (UI water distribution systems) Valve, Alarm Check Valve, ball, air-operated Valve, ball, trunion Valve, block	TS TRLY TRLYT TRUCK TRNKED TBTRLS TUNNEL TURB TSD TTT USC UPS V AOV ARV XVV XVAC AOBV BVT VB
Trap, grease Trap, steam Trolley Trolley Tunnel Truck (pickup, flatbed, semi etc.) Trunked radio Tube trailer station Tunnel Turbine (including gas-driven power turbines) Turbine, steam driven Turntable Ultrasonic cleaner or bath Uninterruptible power supply Valve Valve, air operated (TA-55 only, others use Valve, solenoid - SOV Valve, air relief (UI water distribution systems) Valve, Alarm Check Valve, ball, air-operated Valve, ball, trunion Valve, block Valve, block, hydrant	TS TRLY TRLYT TRUCK TRNKED TBTRLS TUNNEL TURB TSD TTT USC UPS V AOV ARV XVV XVAC AOBV BVT VB VBH
Trap, grease Trap, steam Trolley Trolley Tunnel Truck (pickup, flatbed, semi etc.) Trunked radio Tube trailer station Tunnel Turbine (including gas-driven power turbines) Turbine, steam driven Turntable Ultrasonic cleaner or bath Uninterruptible power supply Valve Valve, air operated (TA-55 only, others use Valve, solenoid - SOV Valve, air relief (UI water distribution systems) Valve, Alarm Check Valve, ball, air-operated Valve, ball, trunion Valve, block Valve, block, hydrant Valve, block, water	TS TRLY TRLYT TRUCK TRNKED TBTRLS TUNNEL TURB TSD TTT USC UPS V AOV ARV XVV XVAC AOBV BVT VB VBH VBW
Trap, grease Trap, steam Trolley Trolley Tunnel Truck (pickup, flatbed, semi etc.) Trunked radio Tube trailer station Tunnel Turbine (including gas-driven power turbines) Turbine, steam driven Turntable Ultrasonic cleaner or bath Uninterruptible power supply Valve Valve, air operated (TA-55 only, others use Valve, solenoid - SOV Valve, air relief (UI water distribution systems) Valve, Alarm Check Valve, ball, air-operated Valve, ball, trunion Valve, block Valve, block, hydrant Valve, block, water Valve, block, water	TS TRLY TRLY TRLYT TRUCK TRNKED TBTRLS TUNNEL TURB TSD TTT USC UPS V AOV ARV XVV XVAC AOBV BVT VB VBH VBW VBG
Trap, grease Trap, steam Trolley Trolley Tunnel Truck (pickup, flatbed, semi etc.) Trunked radio Tube trailer station Tunnel Turbine (including gas-driven power turbines) Turbine, steam driven Turntable Ultrasonic cleaner or bath Uninterruptible power supply Valve Valve, air operated (TA-55 only, others use Valve, solenoid - SOV Valve, air relief (UI water distribution systems) Valve, Air Vent Valve, Alarm Check Valve, ball, air-operated Valve, ball, trunion Valve, block Valve, block, hydrant Valve, block, water Valve, burner, gas Valve, burner, oil	TS TRLY TRLYT TRUCK TRNKED TBTRLS TUNNEL TURB TSD TTT USC UPS V AOV ARV XVV XVAC AOBV BVT VB VBH VBW VBG VBO
Trap, grease Trap, steam Trolley Trolley Tunnel Truck (pickup, flatbed, semi etc.) Trunked radio Tube trailer station Tunnel Turbine (including gas-driven power turbines) Turbine, steam driven Turntable Ultrasonic cleaner or bath Uninterruptible power supply Valve Valve, air operated (TA-55 only, others use Valve, solenoid - SOV Valve, air relief (UI water distribution systems) Valve, Alarm Check Valve, ball, air-operated Valve, ball, trunion Valve, block Valve, block, hydrant Valve, block, water Valve, burner, gas Valve, check (historical)	TS TRLY TRLYT TRUCK TRNKED TBTRLS TUNNEL TURB TSD TTT USC UPS V AOV ARV XVV XVAC AOBV BVT VB VBH VBW VBG VC
Trap, grease Trap, steam Trolley Trolley Tunnel Truck (pickup, flatbed, semi etc.) Trunked radio Tube trailer station Tunnel Turbine (including gas-driven power turbines) Turbine, steam driven Turntable Ultrasonic cleaner or bath Uninterruptible power supply Valve Valve, air operated (TA-55 only, others use Valve, solenoid - SOV Valve, air relief (UI water distribution systems) Valve, Alarm Check Valve, ball, air-operated Valve, ball, trunion Valve, block Valve, block, water Valve, block, water Valve, burner, gas Valve, burner, oil Valve, check (historical) Valve, check (preferred)	TS TRLY TRLYT TRUCK TRNKED TBTRLS TUNNEL TURB TSD TTT USC UPS V AOV ARV XVV XVAC AOBV BVT VB VBH VBW VBG VC CV
Trap, grease Trap, steam Trolley Trolley Tunnel Truck (pickup, flatbed, semi etc.) Trunked radio Tube trailer station Tunnel Turbine (including gas-driven power turbines) Turbine, steam driven Turntable Ultrasonic cleaner or bath Uninterruptible power supply Valve Valve, air operated (TA-55 only, others use Valve, solenoid - SOV Valve, air relief (UI water distribution systems) Valve, Alarm Check Valve, Alarm Check Valve, ball, air-operated Valve, ball, trunion Valve, block, hydrant Valve, block, water Valve, block, water Valve, burner, gas Valve, burner, gas Valve, check (preferred) Valve, check (preferred) Valve, control, deviation	TS TRLY TRLYT TRUCK TRNKED TBTRLS TUNNEL TURB TSD TTT USC UPS V AOV ARV XVV XVAC AOBV BVT VB VC CV ZDCV
Trap, grease Trap, steam Trolley Trolley Tunnel Truck (pickup, flatbed, semi etc.) Trunked radio Tube trailer station Tunnel Turbine (including gas-driven power turbines) Turbine, steam driven Turntable Ultrasonic cleaner or bath Uninterruptible power supply Valve Valve, air operated (TA-55 only, others use Valve, solenoid - SOV Valve, air relief (UI water distribution systems) Valve, Alarm Check Valve, ball, air-operated Valve, ball, trunion Valve, block, hydrant Valve, block, water Valve, burner, gas Valve, burner, oil Valve, check (preferred) Valve, control, deviation Valve, control, differential pressure	TS TRLY TRLYT TRUCK TRNKED TBTRLS TUNNEL TURB TSD TTT USC UPS V AOV ARV XVV XVAC AOBV BVT VB VBH VBW VBG VC CV ZDCV PDCV
Trap, grease Trap, steam Trolley Trolley Tunnel Truck (pickup, flatbed, semi etc.) Trunked radio Tube trailer station Tunnel Turbine (including gas-driven power turbines) Turbine, steam driven Turntable Ultrasonic cleaner or bath Uninterruptible power supply Valve Valve, air operated (TA-55 only, others use Valve, solenoid - SOV Valve, air relief (UI water distribution systems) Valve, Alarm Check Valve, ball, air-operated Valve, ball, trunion Valve, block, hydrant Valve, block, water Valve, block, water Valve, burner, gas Valve, check (preferred) Valve, control, differential pressure Valve, control, differential temperature	TS TRLY TRLYT TRUCK TRNKED TBTRLS TUNNEL TURB TSD TTT USC UPS V AOV ARV XVV XVAC AOBV BVT VB VBH VBW VBG VBO VC CV ZDCV PDCV TDCV
Trap, grease Trap, steam Trolley Trolley Tunnel Truck (pickup, flatbed, semi etc.) Trunked radio Tube trailer station Tunnel Turbine (including gas-driven power turbines) Turbine, steam driven Turntable Ultrasonic cleaner or bath Uninterruptible power supply Valve Valve, air operated (TA-55 only, others use Valve, solenoid - SOV Valve, air relief (UI water distribution systems) Valve, Alarm Check Valve, ball, air-operated Valve, ball, trunion Valve, block, hydrant Valve, block, water Valve, burner, gas Valve, burner, oil Valve, check (preferred) Valve, control, deviation Valve, control, differential temperature Valve, control, flow	TS TRLY TRLYT TRUCK TRNKED TBTRLS TUNNEL TURB TSD TTT USC UPS V AOV ARV XVV XVAC AOBV BVT VB VBH VBW VBG VBO VC CV ZDCV PDCV TDCV FCV
Trap, grease Trap, steam Trolley Trolley Tunnel Truck (pickup, flatbed, semi etc.) Trunked radio Tube trailer station Tunnel Turbine (including gas-driven power turbines) Turbine, steam driven Turntable Ultrasonic cleaner or bath Uninterruptible power supply Valve Valve, air operated (TA-55 only, others use Valve, solenoid - SOV Valve, air relief (UI water distribution systems) Valve, Alarm Check Valve, ball, air-operated Valve, ball, trunion Valve, block, hydrant Valve, block, water Valve, block, water Valve, burner, gas Valve, check (preferred) Valve, control, differential pressure Valve, control, differential temperature	TS TRLY TRLYT TRUCK TRNKED TBTRLS TUNNEL TURB TSD TTT USC UPS V AOV ARV XVV XVAC AOBV BVT VB VBH VBW VBG VBO VC CV ZDCV PDCV TDCV

Valve, control, indicating, flow	FICV
Valve, control, level	LCV
Valve, control, pressure	PCV
Valve, control, speed	SCV
Valve, control, temperature	TCV
Valve, control, timed	KCV
Valve, control, zone or position	ZCV
Valve, electrically operated	20
Valve, gate, aeration basin	VABG
Valve, gate, equalization basin	VEQG
Valve, inspector's test	XVIT
Valve, key, natural gas	KV
Valve, main steam	MS
Valve, motor-operated (an MOV)	VM
Valve, outside screw & yoke	OSY
Valve, post indicating	PIV
Valve, post indicating, annunciated	PIVA
Valve, pressure control (see Valve, control, pressure)	
Valve, pressure reducing	VPR
Valve, pressure relief (preferred acro for all RVs)	PRV
Valve, pressure safety (steam-air-gas service only)	PSV
but see PRV	
Valve, regulator, steam	RVS
Valve, solenoid	SOV
Variable air volume box	VAV
Variable air volume box with fan	FVAV
Vent	VENT
Vessel, pressure	VP
Vibration isolator	VIBI
Wall	WALL
Wall, retaining	RETWAL
Washer, air	WA
Water hammer arrestor	WHA
Water Motor Gong (flow alarm)	XWMG
Water softener	DWS
Water unit, deionized	DNZ
Weir gate, sludge	WGS
Welder, electric	EWM
Well, analyzer	AW
Well, burner	BW
Well, level	LW
Well, radiation	RW
Well, thermal (thermowell)	TW
Wig-wag gate or testing tool	WW
Window (bldg, shield, or vessel)	WDO
Workbench	WB
Wrench, torque	TQW
X-ray (security or process)	XRAY
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